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AMERICAN COMPETITIONS

PUBLISHED BY THE

T SQUARE CLUB

COMPILED AND EDITED BY

ADIN BENEDICT LACEY

1907

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CHARLES L. BORIE, JR.
SECRETARY OF THE T SQUARE CLUB

BY BORIE
SECRETARY

PREFACE



THE T SQUARE CLUB has given, since the first of January 1907, a number of Exhibitions of some of the most important Competitions which have occurred in America during the past year. To both Architects and Laymen who have viewed these Exhibitions, has been brought a realization of the value of being able to compare the merits and demerits of the various solutions of the same problem, and for that reason this Publication has been undertaken.

In "American Competitions" it is intended to preserve in permanent form the valuable information in plan, elevation, form and mass which the study of a particular problem, by able practitioners, always produces. This possibility of comparison of the results of different view points of the same problem, is believed will be most useful to the Architect, the Draughtsman and the Student.

The record thus secured of some of the best contemporary Architecture in America will undoubtedly be of increasing interest to the Layman, which is an additional reason why the record should exist.

The selection of the Competitions, compiling and arrangement of plates and editing of the programs have been carefully done, with the hope that the Publication will prove an American "Concours Publique," and that it will be as valuable in the Architect's working library as the French Publications.

All the Competitive Drawings of the prize winners of each Competition have been included, and all the drawings of Competitors who received mention, noting the order of merit in which the awards were made. In the Competitions where no award was made, except first place, a selection was made from among the Competitive sets shown in the Exhibitions held by the Club.

In the editing of the programs of the Competitions, the endeavor has been to include only those portions necessary to a clear understanding of the problem from the point of view of the Architect, Draughtsman and Student seeking information.

The T Square Club is indebted to Messrs. Thomas M. Kellogg, Charles L. Borie, Jr., Walter Smedley and John Molitor for their interest and financial support in the preliminary work of launching the project for the Publication.

The T Square Club desires to express to all Contributors its appreciation of the interest, courtesy and co-operation shown in the project so necessary to the successful Publication of this volume of "American Competitions."

ADIN BENEDICT LACEY

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INSTRUCTIONS AND REGULATIONS
OF A
COMPETITION FOR THE SELECTION OF
AN ARCHITECT
FOR A
SOLDIERS' MEMORIAL FOR ALLEGHENY COUNTY
PENNSYLVANIA

PROGRAMME

The several provisions of the Act having been duly executed, the Board of County Commissioners have purchased a site for the building and will now, through this competition, select an architect for its design and construction.

The said Board of Commissioners is composed of Charles B. Price, Chairman; I. K. Campbell and Jas. A. Clark.

Warren P. Laird, Professor of Architecture of the University of Pennsylvania, has been appointed by the Commissioners as their consulting architect in the preparation of this program, the general conduct of the competition and the judgment of the designs.

The number and kind of drawings and their scale, rendering, presentation, etc., are to be as follows: Not more than three plans are permitted, one of the ground and one or two, as needed, of upper floors, or portions thereof; three elevations, one of each street front; and not more than three sections. The scale of the Grant Boulevard elevation is to be eight feet (8 feet) to the inch and of all other drawings sixteen feet (16 feet) to the inch. Drawings may be rendered at the option of the competitor, are to bear the legend "ALLEGHENY COUNTY SOLDIERS' MEMORIAL," are to be presented on sheets cut to a size not over thirty by forty-eight inches (30x48 inches), one or more drawings to each sheet, and are not to be mounted, either upon cardboard or stretchers, or framed.

A specification is required with each design, explaining any of its features which cannot be included or clearly indicated in the drawings and stating the manner in which the demands of the program are provided for where such provision cannot be shown in the design. It may also, with advantage, give the competitors' conception of the subject matter and general scheme of the mural and sculptural treatment of the design. The specification should be printed or typewritten, on one side of the sheet only, in the first person plural, and care should be taken to avoid enclosing it in the sealed envelope containing the author's name-card.

The drawings are to be enclosed in portfolios or stiff boards or rolled in tubes not less than four inches in diameter, securely wrapped and addressed to Professor Warren P. Laird, College Hall, University of Pennsylvania, Philadelphia,

Pa. In the wrapper with the design is to be enclosed its specification; also a card bearing the name of its author, sealed in a plain opaque envelope addressed in typewriting to the committee. The designs thus prepared and addressed are to be delivered to the adviser at the above address not later than twelve o'clock noon of Saturday, January 19th, 1907.

The building proposed in the program will be erected and maintained as a memorial "in honor of the soldiers, sailors and marines from Allegheny County who served in the Army and Navy of the United States in the war for the suppression of the rebellion," and to realize the provisions of the Act by which it is authorized and which is given in full in Part One of the program this "memorial hall" must contain certain rooms and make suitable provisions for memorials, as explained in the following paragraphs.

But while required to serve a useful purpose, this memorial building must be conceived primarily as a tribute to valor and patriotism. To permit its treatment in this spirit the Commissioners have provided ample ground space for its setting, allowed for an excess in internal space beyond that required for practical use and made generous provision for memorials in the form of paintings, sculpture and tablets. In respect to design, the Commissioners have no predilections as to style or manner of treatment or the use of any particular feature on the exterior. The principal functions of the design are: I., Memorials; II., Assembly Hall; III., Organization Rooms, and IV., Minor Assembly Rooms, etc., as follows:

I. Memorials. These will consist of (a) about 32 bronze tablets to commemorate the thirty regiments and two batteries of Allegheny County, more or less, each tablet to present a brief record of organization and engagements, with a receptacle either incorporated or adjoining to contain the engrossed roster of enlistments; (b) about 30 portrait busts in bronze or marble of the regimental field officers and battery commanders killed in action; (c) such mural painting and architectural sculpture throughout the design as may, in the judgment of the competitor, be required to perfect its memorial character; and (d) wall surface for roll tablets of marble on which will be inscribed the names of the (approximately) 20,000 men who enlisted from Allegheny County as soldiers, sailors or marines.

se tablets will require 2,000 square feet of wall surface, ending from at least one foot to not over eight feet above floor, and which must therefore have a total length of at least 286 feet. These "roll tablets" should be in a single room or suite of rooms, or may, if possible, after providing for organization tablets and busts, be in a corridor, foyer, vestibule or other space; but must be so located that they, in their entirety, may be conveniently inspected. It is desired that the tablets named under (a) and (b) together with one or more pieces of mural painting of pertinent subject be arranged in some portion of the building where they will be exposed to convenient inspection and receive a setting worthy of their importance; and the cost of the memorial tablets, busts and paintings forming such ensemble and of the roll tablets of (d), shall be met with the fund of \$100,000 herein described. The remaining mural paintings and sculpture needed to complete the design will be provided from time to time out of the revenues of the building. The required accommodations of the building are as follows:

Assembly Hall. For mass meetings, conventions, orchestral and vocal concerts, etc. The clear area of main floor, including space for all aisles, seats and foyer, must be not less than twelve thousand (12,000) square feet. An increase of space to not over 14,000 square feet for the main floor would correspondingly increase the practical value of the hall. Seating space is also to be provided in not more than two galleries, the upper being preferred, whose total area, measured on the horizontal projection, must at least equal, but need not greatly exceed, four thousand eight hundred (4,800) square feet. The stage must have not less than one thousand five hundred (1,500) square feet area, with a depth of about 30 feet; will be planned to receive a large organ and should have ante-rooms adjoining. Suitable foyer, exits, ticket offices, etc., should be provided.

Organization Rooms, etc. Provide two rooms for mass meetings, each having about 1,500 square feet area, a locker room and an inner and outer ante room; four small headquarters rooms for the officers of other organizations; a library of about 400 square feet area, a trophy room or museum of about 600 square feet area with vault adjoining to contain wall cases two feet deep and space for a table; and two offices for the superintendent of the building.

Minor Assembly Rooms, etc. One room of 6,000 square feet area if possible and two others of about 1,500 square feet each should be available for use en suite and separately for the following purposes, viz.: (a) meetings, lectures, chamber music concerts, etc.; (b) banquets, dinners, receptions, etc.; (c) balls and small dances, etc. A kitchen, pantry, serving room, cloakrooms, etc., will complete the suite.

Other Requirements. The flagstaff required in Section 7 of the Act may be supplemented by others. For the power plant, a space of 3,000 square feet for the boilers, engines and flues; ventilating apparatus, coal storage, shops, etc., is required and its location should be either indicated on the ground plan or described in the specification.

The general requirements of the project are as follows: The principal frontage of the building will be toward Grant Boulevard; the main floor of the Assembly Hall should be not more than a few steps above or below the street level; the Post meeting rooms and superintendent's office should be near the street level; a cellar unfinished, for power plant, pipes, ducts,

etc., will underlie the entire building; passenger and service elevators should be installed as needed; the least height of each story, from its floor level to that directly above, is to be for cellar eight feet (8 feet, except power plant, which will be 20 feet); and for Post meeting and other rooms of street floor thirteen feet (13 feet), other rooms having their height well proportioned to other dimensions, and ample toilets, lavatories and cloak rooms should be provided in each story and for each function of the plan. The stated areas do not include toilets, cloak rooms, etc. No areas over 1,000 square feet can be reduced by more than 10 per cent., and of less than 1,000 square feet by more than 20 per cent., without materially impairing their usefulness.

Construction. This will be fireproof, the use of reinforced concrete being intended in the minor portions of the building; steel, terra cotta and brick elsewhere. Exterior walls will be laid in Indiana limestone or stone uniform with this in color and cost, a complete system of forced ventilation will be installed and workmanship and materials must everywhere be of the best.

Cost. Of the one million two hundred fifty thousand dollars (\$1,250,000) available, two hundred fifty thousand dollars (\$250,000) are reserved for cost of site, of furniture not fixed and furnishings, of this competition and for general expenses; one hundred thousand dollars (\$100,000) for materials, and the balance, nine hundred thousand dollars (\$900,000) are appropriated to the building. This last named sum must pay for the cost of the building completed in all its parts and details and ready for its uses, including the grading, paving and treatment of grounds, the flagstaffs, the cost of equipment for heat, light, ventilation and power, of chairs and all fixed furniture in the Assembly Hall and elsewhere, and of the fees of all architects and other experts in the designing, supervising and constructing of this building; but the said sum of \$900,000 is exclusive of the cost of furnishings, of furniture not fixed; of all mural and sculptural decorations, tablets, statues and memorials of all kinds and of the cost of site and of this competition. In the adjudging of the designs, their relative costliness, as regards both construction and ornamentation, will be considered in determining their merits.

It is believed that the building, as above described, can be constructed at a cube foot cost of not over thirty-seven and one-half cents (37½c.) and debarment has therefore been placed, as elsewhere stated, at a volume in excess of two million four hundred thousand (2,400,000) cubic feet. It should, however, be possible to materially exceed the space demands of the program without exceeding this cubage. The maximum cost of the building being thus fixed and the space demands of the program having been reduced to the lowest practicable minimum, it is made a condition of the competition that its prize will not be awarded to the author of any design which (a) exceeds in volume two million four hundred thousand (2,400,000) cubic feet estimated as herein required or (b) which fails to provide any of the following capacities, viz: (1) the number and kind of rooms called for; (2) at least the floor area called for in the Assembly Hall, whether of main floor, galleries or stage; (3) at least the minimum story heights where these are specified.

THE APPOINTED ARCHITECT

The architect appointed as herein provided shall so revise his full competitive design as to meet the further requirements

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of the Commissioners, and upon the basis of this revised design shall prepare full working drawings and specifications of the building, and shall, during its construction, have full and usual authority of architect of the work.

The architect appointed for the proposed work and for any subsequent additional work shall render service and receive compensation in accordance with the statement of professional practice and schedule of charges of the American Institute of Architects hereunto appended as a part of the program, provided, however, that his charge upon the cost of furniture, furnishings and tablets designed or selected by him shall not exceed ten (10) per cent., and upon the cost of all other work, shall be five (5) per cent.; and provided also that should expert engineering service be required, the fee therefor shall not exceed five (5) per cent.

All drawings, specifications and their copies, as instruments of service, are and shall remain the property of the architect. But one copy of the specifications and of each floor plan of the constructed portions of the design, with dimensions of all rooms as actually and finally built, and one copy of the revised preliminary design shall be provided by the architect for the Commissioners, said copies to remain permanently on the Commissioners' files.

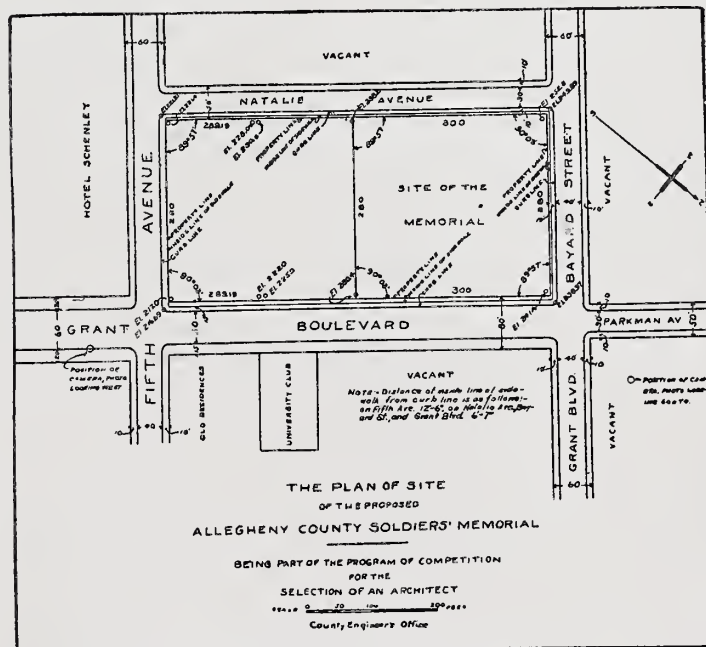
This program approved this twenty-second day of October, 1906.

CHARLES B. PRICE,

Chairman, Board of Commissioners.

WARREN P. LAIRD,

Adviser.



PLAN OF SITE

AMERICAN COMPETITIONS

PROGRAM OF A COMPETITION
FOR THE
SELECTION OF AN ARCHITECT
FOR A
STATION AND OFFICE BUILDING
TO BE ERECTED BY THE
DELAWARE, LACKAWANNA AND WESTERN RAILROAD CO.
AT SCRANTON, PENNSYLVANIA

THE PROJECT

1 The D., L. & W. R. R. Co. will build at Scranton, Pa., a structure to serve both as a railway station and offices. To select an architect for this work the Company has established this competition under the general direction of its chief engineer, Mr. L. Bush, and has engaged Professor Warren P. Laird, of the University of Pennsylvania, to act as its consulting architect in the preparation of this program, the conduct of the competition and the making of an award.

2 The competition will be restricted to eight architects, who are named in index.

3 The prize of the competition will be the commission

to design and supervise the proposed building upon the usual terms, as stipulated in Sec. 37 of this program, and this prize will be awarded as hereinafter provided. To each of the seven (7) unsuccessful competitors will be paid a fee of eight hundred dollars (\$800.00) in full compensation for his services in submitting designs in the competition.

4 The Company understands that the competition will not produce a design fully developed in all its parts and details but they do expect to receive in the competition a carefully studied general scheme, whose completed character will be fully indicated, and which will, in execution, realize the requirements herein set forth.

THE PROGRAM

8 Designs are to be illustrated as follows: Drawings will be in number and kind as follows: Plans of all floors, the north elevation and a section perpendicular to the tracks taken through the main waiting room, all at a scale of sixteen (16) feet to the inch. The ground floor plan should, as far as possible, comprise streets and trackage immediately surrounding the building plot. Drawings may be rendered in any medium and manner, at the competitor's option, save that intersected solids of plans and sections, where "blackened in," must be tinted with Indian ink only, and that rendering otherwise of all drawings shall be in a single color or monotone. No sheet is to exceed twenty-four by thirty (24 x 30) inches in size, although any number of drawings may be presented on a single sheet. Drawings may be presented on tracing paper mounted on Whatman paper. Drawings are to be entitled "COMPETITION OF THE SCRANTON STATION, D., L. & W. R. R. CO."

9 Each design may be accompanied by a description explaining any of its features which cannot be included or clearly

indicated in the drawings, but is not to comprise diagrams or other drawings. The description should be brief, printed or typewritten on one side only of the sheet, in the first person plural, and care should be taken to avoid enclosing it in the sealed envelope containing the author's name-card.

10 Drawings are not to be framed or mounted (otherwise than as permitted for those on tracing paper) and with the description and an opaque sealed envelope, containing a card bearing the author's name, are to be enclosed in portfolios or rolled in tubes, securely wrapped, addressed to Professor Warren P. Laird at "College Hall, University of Pennsylvania," and delivered to him there not later than 9 o'clock P. M., of Saturday, January 12, 1907.

16 No competitor may submit more than one design; flaps and alternative drawings are not permitted; no design is to be accompanied by drawings, diagrams, models or any means of illustration other than those called for by the program, and the required drawings, both as to kind and character of drawings and presentation, and the description, must conform

strictly to the program requirements. No nom de plume or symbol or any other identifying name or mark is to appear upon the wrapper in which designs are delivered, nor upon any of its contents, save within the sealed envelope as provided.

Nor shall any competitor, either directly or indirectly, reveal the identity of his design to, or seek to influence in his favor either the Company or the adviser.

THE PROBLEM

1 The proposed structure is to serve the two-fold purpose of railroad station and office building for certain departments of the administration of the Road. Its site is bounded by Lackawanna Avenue, Ridge Row and the Company's tracks as shown in the Plan of Site forming part of this program. The building must lie within certain lines as shown on this Plan and its ground floor level will coincide with the track elevation (774.5). Lackawanna Avenue will afford the principal present approach from city to station, but Spruce Street, though of less present importance, will in course of time provide considerable and possibly greater traffic, owing to the westward tendency of the city's growth. It is especially important that these approaches provide for the arrival and departure, without conflict, of (a) persons entering the station (whether from sidewalk approaches or from street car lines); (b) carriages; and (c) baggage wagons. To provide in part for "a," it is possible, if found desirable, to carry a tunnel from the station side of Jefferson Avenue to the station basement. To facilitate the movement of passengers both ways between "train" and "station" platforms and those approaches used by pedestrians, a direct communication must be provided, preferably by a separate thoroughfare and not through main waiting room. Vehicles must discharge and receive patrons under cover; and a covered cab stand is desirable. Passenger elevators are to be provided for the offices, and baggage and passenger elevators for the accommodation of passenger traffic, all as needed.

2 The Plan of Site is in effect a statement of fixed conditions save as to the gradients and elevations of the surface within the building plot proper; these being suggestive only.

3 The various platforms (station, track and street) are to be covered with a train shed roof, extending to the center of southward passenger track and E-W approximately to points shown. This shed will be of the type used at the new Hoboken terminal of the road. The constructive design for these sheds will be provided by the Chief Engineer of the Road.

4 Accommodations for the express company are to be provided in another building, adjoining the station yard and do not enter into consideration here.

5 While the required accommodations can probably be provided in four stories, five, if necessary to the plan scheme, will be satisfactory. There will also be a basement under the entire building (for storage purposes and, perhaps, approach to the train floor of the station) and attic space, if this be necessary to the architectural treatment of the design, will be considered a great advantage to the plan if it be of such height and window lighting as to permit its future use for offices. But none of the rooms called for in the program may be placed in it. It is assumed that a story will intervene between that of the ground or train floor and that floor next above the main waiting room (the "second") and this (although equal in height to each upper story) is termed the "Mezzanine" in the schedule below.

26 Story heights, in the clear, should be not less than as follows: Basement, eight feet (8 ft. 0 in.); Ground Story, sixteen feet (16 ft. 0 in.); each upper story, ten feet (10 ft. 0 in.); attic (space available for offices), six feet (6 ft. 0 in.) for headroom of walls and nine feet (9 ft. 0 in.) for ceiling height. The basement would require greater depth where used for carriage and baggage entrance, while the main waiting room need not be more than two stories in height.

27 A tower, dome or other distinguishing feature, as needed, may be incorporated in the design, but should serve a useful purpose, such, for instance, as providing office space required or prospective, and the display of a clock. But such feature must not be materially costly. The design is to comprise a stairway from Ridge Row to Spruce Street bridge approach arranged for the convenience of pedestrian travel between the station and the bridge. Several elm trees now stand on the Jefferson Avenue edge of the site and will be preserved or not, as required by the design.

28 In building this station it is intended to employ fire-proof construction and to finish the exterior with Indiana limestone or a stone similar in color. No mechanical plant will be installed, heat, light and power being derived from other sources on the Company's property. Construction and finish will be of the best. The buildings will conform in every respect to the local building laws.

29 While the Company has not fixed an absolute cost limit in this competition, it desires to confine the expenditure to five hundred thousand dollars (\$500,000.00), inclusive of fees of architects and of everything necessary to build and finish the building and render it fit for its uses; excepting, however, lighting fixtures, furniture and furnishings and kitchen equipment, all grading and street work and the construction of tracks, platforms and train sheds.

30 In the opinion of the Company this work cannot be done at a lower cube foot cost than thirty-three and one-third cents (33 1-3c.), and it is therefore desired that the design be restricted to a volume not to exceed 1,500,000 cubic feet. Any excess of this amount will be viewed with disfavor and will operate, in proportion to the amount of such excess, to exclude a design from consideration. Also, the comparative expense of construction and ornamentation and of any special features (Sec. 27) will be considered in this connection in the determination of relative merit among the designs, for the Company will not incur the risk of an expenditure beyond that stated in Sec. 29 above.

31 The cube foot volume of designs will be determined for the Company by competent computers, who will measure on the plane of the ground story within the outer face line of all outside walls, from the mean of basement floor level to the mean of the roof, including every part that appreciably adds to the bulk of the building.

32 The figures in the following schedule indicate the desired floor areas in square feet. Those of the ground or train

floor have here been stated at the least practicable size and cannot be reduced in any case by more than ten per cent. (10%) without endangering their usefulness: they should be increased wherever possible. Areas elsewhere may be reduced, where of 1,000 sq. ft. or above, by not over 10%, and where of less than 1,000 sq. ft. by not over 20% where necessary, in the case of individual rooms. All rooms of a given Department must be on a single floor level. Toilets and lavatories are to be provided fully throughout the plan, as required in its several functions:

33 SCHEDULE OF ROOMS

GROUND OR TRAIN FLOOR

<i>Name of Department and Its Rooms.</i>	<i>Areas.</i>	<i>Remarks</i>
Waiting Room: Main.....	4400	
Waiting Room: Women's.....	800	Communicating with main waiting room.
Waiting Room: Men's.....	800	
Baggage Room: Main.....	2200	Convenient to public.
Baggage Room: Hand.....	1000	Opening into main waiting room.
Baggage Room: Master's Office.	200	
Transfer Agent's Office.....	200	Convenient to public.
U. S. Mail Room.....	150	Convenient to bag- gage room.
R. R. Mail Room.....	150	
Room for Conductors' Boxes...	150	
Paymaster's Office	1200	With fireproof vault.
Lobby (with guide rails).....	300	Convenient to train men.
Ticket Office	300	
Ticket Agent's Private Office...	150	
Special Agent's General Office..	600	Special Agt.; head of railroad police; of- fice convenient to public.
Special Agent's Private Office...	200	
Dining Room	900	Convenient to main waiting room.
Lunch Room	400	Convenient to same and to station plat- form.
Serving Room (Kitchen below).	300	
News Stand	200	
Bureau of Information.....	200	
Telegraph Office	200	
Total Ground Floor Area....		15000

UPPER FLOORS

OPERATING DEPARTMENT.

Division Sup't General Office...	1250	This Department should be as near ground floor as possible and should be in same floor as car service depart- ment.
Division Sup't Private Office...	500	
Division Sup't Record Room...	300	

General Sup't General Office.....	1250
General Sup't Private Office....	550
General Sup't Record Room....	300
Train Despatcher's General Room	600
Train Despatcher's Operator's Room	600
Train Despatcher's Telephone Exchange	150

Total Operating Department. 5500

BASEMENT OR GROUND FLOOR

Kitchen, Scullery, Stores, etc...	600
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Should be on ground floor, but may, if necessary, be in basement, and must then connect with serving room on ground floor by dumb waiters, hand lift and stairway.

CAR SERVICE DEPARTMENT.

General Office	4000
Superintendent Car Service P. O.	600

Should be on same floor as Operating Department, but must in any event connect directly with it.

Total Car Service Dept..... 4600

COAL DEPARTMENT.

Auditor's General Office.....	1700
Auditor's Private Office.....	450
Legal Department, General Of- fice	250
Legal Department, Private Of- fice	250
Mining Engineer's Department— Mining Engineer's Drafting Room	4000
Mechanical Engineer's Draft- ing Room	950
Chief Engineer's General Of- fice	550
Chief Engineer's Private Of- fice	450
Mining Engineer's Storeroom.	400
Mechanical Engineer's Store- room	400
Blueprint Room	250
Photographing Room	300
Dark Room	150

Large fireproof vault required for the use of this Department.

Sales Department— General Office	250
Private Office	250
Private Office	200

AMERICAN COMPETITIONS

Electrical Engineer's Department—

General Office	600
Office	350
Private Office	350
Drafting Room	600
Storeroom	300

Total Coal Department.....13000

DIVISION ENGINEER.

Drafting Room	950	Preferably on floor with Coal Department.
Private Office	400	No outside light needed for instrument room.
Instrument Room	150	Large fireproof vault required for this Department.
Total Division Engineer.....	1500	

SUPERINTENDENT OF BRIDGES AND BUILDINGS.

General Office	300	These rooms should communicate with rooms of Division Engineer.
Private Office	200	
Total Supt. B. & B.....	500	

TITLE, REAL ESTATE AND TAX AGENT

Office	250	Should be near Division Engineer,
Office	150	preferably on same floor.
Total R. E. & Tax Agent....	400	

ASSISTANT GENERAL AUDITOR.

General Office	11000	For clerical staff; best located on top floor.
Private Office	500	Fireproof vault required to connect with general office.
Stenographer's Office	200	
Record Room	900	
Total Ass't General Auditor..	12600	

FREIGHT CLAIM AGENT.

General Office	3000
Private Office	500
Stenographer's Room	200
Total Freight Claim Agent...	3700

TIE AND TIMBER AGENT.

Office	250
Office	150
Total Tie and Timber Agent..	400

TRAFFIC AND FREIGHT AGENT.

General Office	350
Private Office	350
Storeroom	500
Total Traffic and Freight Agt.	1200

THE APPOINTED ARCHITECT

37 The appointed architect shall render service and receive compensation in accordance with the statement of professional practice and schedule of charges of the American Institute of Architects hereunto appended as Sec. 43, provided, however, that his charge upon lighting fixtures, furniture and furnishings, designed or selected by him shall be ten per cent.; upon train sheds shall be an equitable fee determined on the basis of work performed thereon by him; and upon all other work shall be five per cent. (5%). Fees shall be computed upon the cost of the work committed as aforesaid to the charge of the appointed architect.

38 The work described in Sec. 29 as that to be covered by the sum of five hundred thousand dollars (\$500,000.00), and, also, the train sheds, in so far as his services are necessary, is that for which the architect, selected as aforesaid, is engaged and appointed under the terms of this program.

41 All drawings and specifications, as instruments of service, are and shall remain the property of the architect. But two copies of the specifications and of each floor plan, with dimensions of all rooms as actually and finally built, shall be provided by the architect for the Company, said copies to remain permanently on the Company's files, it being understood that none of these drawings shall be used for further building operations without the consent of the architect.

42 This program approved this Sixth day of December, 1906.

W. H. TRUESDALE,
President.

WARREN P. LAIRD,
Adviser.

THE PROGRAM OF A COMPETITION
FOR THE
SELECTION OF AN ARCHITECT
AND THE
PROCURING OF A GENERAL PLAN
FOR THE
UNION THEOLOGICAL SEMINARY
IN THE CITY OF NEW YORK

THE PROJECT

1 The Union Theological Seminary, having outgrown its present quarters on Park Avenue, is to be provided with new buildings on the plot of ground bounded by Broadway, Claremont Avenue, One-hundred-and-twentieth and One-hundred-and-twenty-second Streets. For the development of this property a general plan is required, a portion of which only will be executed at present.

2 The Board of Directors has appointed a Building Committee with authority to establish a competition and, through it, to procure such general plan, to engage the services of its author as architect of certain portions of said plan, and to proceed with the construction of said portions (as they are hereinafter described), within an expenditure, however, limited to five hundred seventy-five thousand dollars (\$575,000).

THE COMPETITION

12 COMPETITORS. Four architects have accepted the committee's invitation to submit designs in the competition, viz.: Messrs. Cram, Goodhue & Ferguson, Cass Gilbert, Lord & Hewlett, and Palmer & Hornbostel, all of New York.

13 The committee desires also the participation of other architects of the best professional standing and of experience in the execution of large work. Those who may wish to take part are requested to apply for admission upon blank forms to be had upon application to the secretary of the committee, and the committee will extend to approved applicants an invitation to submit designs.

18 DRAWINGS. The number and kind of drawings and their scale, rendering, presentation, etc., are to be as follows:

19 PLANS. These need not include more than one-half of the width of the surrounding streets, but must show for each building in the group, except those on the "reserved tract" (sec. 139-143), which may be in outline only: 1st, its floor next above the nearest street level; and 2d, for all buildings inclusive of those on the reserved tract, the second floor, to be in the case of dormitories and apartments a typical floor, the plans of the last-named buildings being, on this floor, shown fully developed. Each of these general plans must be on planes so broken as to show a single floor through the group, such as ground, second, or third. The outlines of the future exten-

sion of the stack and the future lecture hall are to be shown on all plans. The plans should be as few in number as possible and must not in any case exceed five. The location of boiler and service rooms should be indicated on the ground floor plan.

20 ELEVATIONS. Three only are permitted: one toward Claremont Avenue, a second toward Broadway and a third toward One-hundred-and-twentieth Street.

21 SECTIONS. Not more than two may be presented. They are to be taken through the group for the purpose of showing important interiors and such exteriors as may not be exposed to view from the streets.

22 SCALE. The scale of all drawings is to be one-sixteenth of an inch to one foot.

23 RENDERING, ETC. Plans are to have horizontal inter-sections blacked in or tinted; lettering may be shown in red, but otherwise the only color to be employed throughout the drawings is to be a single monotone, and gold is not to be used in any way. Shadows, cast at an angle of 45 degrees with horizontal and vertical planes, may be drawn, but should be confined to elevations and the ground-floor plan. Treatment of floor and ceiling surfaces may be indicated; plans may show location of tree-trunks on Broadway; any drawings may show curb, sidewalk, grade and building lines and any treatment

of open spaces within the group, and a single human figure five feet eight inches high should be drawn against each elevation and section to indicate its scale; but otherwise no accessories of any kind, whether of natural or architectural scenery, shall appear upon any drawing.

38 THE JUDGMENT. A jury composed of Messrs. Walter Cook, Robert S. Peabody and the committee's adviser, Prof. Warren P. Laird, will make a careful examination of the designs, the jury will select that one which in its opinion gives promise of the best result when carefully studied and devel-

oped in all its parts and details, and will recommend it to the committee for their choice as the "premiated design."

40 The jury will then select from among the remaining designs those seven which are best; will rate them in the order of their merit, and will report such selection and rating to the committee.

41 The recommendation as to the design placed first and report as to the other selected designs, together with any comments, shall constitute the report of the jury to the committee.

THE PROBLEM

57 In the working out of the architectural problem, the Union Theological Seminary must be conceived as a complete organism; self-contained in its scholastic and social life; an institution of higher learning made distinctive by religious rather than purely academic motive.

61 The building requirements of the institution correspond broadly to its functions, which may be classified as those of Instruction and Administration, of Worship and of Residence. These will have distinct architectural expression, the first in an academic building and a library, the second in a chapel and the third in dormitories and a house for the president.

62 Moreover, as the present resources and demands of the institution neither permit nor require the utilization of the entire site, the Directors propose to reserve about one-third of its area, on the northerly side, for future development. This portion is known in this program as the Reserved Tract, and its disposition is treated in sections 139-143, inclusive.

63 The natural approach to the group will be almost entirely from the southeast because of the position of Broadway, with its surface car lines and subway station at One-hundred-and-sixteenth Street, of the Amsterdam Avenue car lines and of the various Columbia University Buildings. The service entrance may possibly be best located near the northeast corner of the plot.

64 In the arrangement of the group it is required; first, that the Claremont Avenue frontage be considered the most important; second, that no dormitories be placed on One-hundred-and-twentieth Street.

65 Further, it is desirable that the need of quiet in the chapel and in lecture-rooms govern, as far as possible, their location.

66 In the matter of a choice of architectural style for the treatment of the buildings, the committee entertains a preference for English Gothic of the scholastic rather than the ecclesiastic type, but this preference will not operate to exclude from favorable consideration any design otherwise treated.

67 A tower, while not required by the committee, may be employed in the composition, but its construction shall not be necessary to secure any of the accommodations required by the program. It may be conceived as a memorial for future addition to the chapel, or to another part of the group, where it could provide for future expansion in some department of Seminary work. But if this feature is employed, due regard

must be had to its effect in relation to other dominant features in its neighborhood, such as the Columbia Library and the Grant Monument.

68 Otherwise, the committee does not seek to influence the design, desiring only to secure in each part a maximum of usefulness and, in the whole, beauty and fitness with economy in construction and administration.

69 GENERAL REQUIREMENTS. The various requirements of the buildings are set forth below. For convenience they are arranged in divisions corresponding to the functions named in sections 61 and 62, but the order in which these divisions are named is not indicative of any desired arrangement or relations in the plan scheme.

70 AREAS. In the schedules the stated areas are those most practicable for the purpose. In the library stack they must not be reduced, and elsewhere they should in no case be increased or diminished by more than 20 per cent. in rooms of 1000 square feet or less, or 10 per cent. in rooms of greater area than 1000 square feet. All areas are expressed in square feet and do not comprise coat or toilet-rooms, closets, etc., unless so stated.

71 IMMEDIATE CONSTRUCTION. It is intended to forthwith construct the building for instruction and administration, the dormitories, and the president's house, and there will probably be constructed in the near future the library and the chapel.

72 FUTURE EXPANSION. Provision for this will be confined to the library, whose stack requires space for an enlargement to at least twice the floor area hereinafter stated (sec. 94); to the dormitory system, for whose possible extension the buildings on the reserved tract are to provide, and to the department of instruction now provided for in the academic building. For the last-named, the group should be composed as to permit the replacing of a portion of the buildings on the reserved tract by a building for instruction and study having convenient relation to the academic building and the library. This building would provide four lecture-rooms seating 100 each, several smaller lecture-rooms, professors' studies, etc., but it need not be shown in the drawings saved by a dotted outline in the plan.

73 SITE. The physical character of the plot and its surroundings is shown in the Plan of Site attached to the program.

74 **STORY HEIGHTS, ETC.** Stories are to be not less in height, measured from floor-level to floor-level, than the following:

For lecture-rooms above 500 square feet in area, and social, reception and lounging-rooms of dormitories, fifteen (15) feet.

For other rooms in the division of instruction generally, twelve (12) feet.

For rooms in dormitories and apartments, ten (10) feet.

For the basement and any attic story, nine (9) feet.

For each stage of the library stack, seven and one-half (7½) feet.

The largest lecture, the reference and other important rooms, should have such height as may be necessary to good proportions.

75 A basement is to underlie every building, but, owing to the rocky nature of the site, its floor is to be located not more than six (6) feet below the present surface at any point.

76 The principal floors of the academic building and the library should be on the same level, and the floor of the chapel should be as near the street-level as possible.

77 The number of stories, exclusive of the basement, attic and the library stack, should not exceed four in buildings devoted to instruction and administration, and six in dormitories and apartments.

78 **THOROUGHFARE FEATURES.** Intercommunication between the dormitories and other portions of the seminary is desired: where not possible under the main roof, then by means of covered passageways, which may be glazed in winter.

79 Passenger elevators are required in the library and apartment buildings, and elevators for service in all buildings save the president's house.

80 **LIGHTING.** All parts of every building are to have ample natural light. To insure this in lecture rooms, it is required that no one not top-lighted shall have a width more than twice the distance from the floor to top of its window openings, such width to be measured from outer surface of outside wall, and it is desired that all desks shall be lighted from the left, rear lighting to be avoided.

81 **CONSTRUCTION AND FINISH.** Fireproof construction will be employed for the academic building, the dormitory and the library; fire-resisting and slow-burning construction elsewhere. Materials and workmanship will be the best of their respective kinds; finish will everywhere be simple and ornamentation restrained. In the buildings for worship and instruction a ventilating system will be installed.

82 **COST.** The funds at command of the committee for all purposes are limited to five hundred seventy-five thousand dollars (\$575,000). Of this sum twenty-five thousand dollars will be held in reserve, and the balance, five hundred fifty thousand dollars (\$550,000), must cover the cost; first, of the academic building, the dormitories and the president's house, including everything (except furniture and furnishings) necessary to complete these buildings in all their parts and render them fit for their uses; second (save as regards the "reserved tract"), of the installation of the heating and lighting systems (sec. 131), the paving of any interior courts and the grading, drainage, sidewalks and any architectural treatment of grounds

within or without the group; and third, of all fees paid to architects and other experts in the designing, constructing, and supervising of the foregoing work, which constitutes the "general work" referred to in this program.

83 Reserving a further sum of twenty-five thousand dollars for the items of the "second" classification (sec. 82), the committee have placed debarment (sec. 51) at a cubage, which at 38 cents for fireproof and 32 cents for other construction would involve greater expense than five hundred twenty-five thousand dollars. But the program demands are such that, without resort to the area reduction permitted in sec. 70, they should be met within a cost of five hundred thousand dollars, computed on this basis.

REQUIREMENTS BY DIVISIONS

A. ADMINISTRATION AND INSTRUCTION.

84 **THE ACADEMIC BUILDING.** This building will be assigned to general purposes of instruction and administration. It should be easily accessible from the Library, and will require the following rooms:

85 Administration.

President's Room, 300, somewhat retired.

Treasurer's Office, 400, near main entrance, with vaults.

Registrar's Office, 250, convenient to president's room. A Visitors' Waiting-room, 200, near main entrance.

Two of the Studies as stated in sec. 86 (b).

Chief Janitor's Room, 200, adjoining general office.

General Office, 300, mail clerk, telephones, etc.

The above must be on the ground floor; in the second story may be placed a room which is to be provided for meetings of the directors and faculty, 800.

86 Instruction.

a. Lecture-rooms and their areas: One at 2500, one at 1000, two at 800 each, one at 500, and two at 350 each.

b. Studies for members of the Faculty: Twenty are desired, sixteen required, ranging in area from 250 to 300 each; two of the largest should be in the administration group; the others need not be contiguous to lecture-rooms and may be in any story.

87 Toilets, etc. Toilets and lavatories for faculty and officers, and for students.

In connection with the attendance upon public lectures: cloak-room, toilet and retiring-room for women on main floor; cloak, toilet, and lavatory-room for men in basement.

Locker-room for visiting students, preferably on ground floor, otherwise in second floor or basement.

Cleaners' closets.

88 **THE LIBRARY.** The library of the Union Theological Seminary is not intended alone for the service of this institution, but is to be made, through a development already well advanced, the theological branch of the general library system of New York. As such it will offer facilities for reference and study to the general public, while to the students and faculty of the Seminary, it will be a library both for research and circulation.

89 To meet these ends the building will be provided with a large reading and study-room, to be known as the "reference-room," stack accommodation for two hundred thousand volumes, with provision for expansion to twice this capacity; a

group of seminar and study-rooms, and a full complement of rooms for library administration. The contents of the Seminary museum will also be housed in this building.

90 Considerations of lighting and space economy make it desirable that the reference-room and chief administration rooms be placed in the story above the stack, whose future expansion, incidentally, will permit enlargement of the reference-room, although the necessity for this is not now anticipated. This arrangement will necessitate elevator and generous stairway provision for the topmost floor and the minimizing of its distance above the main-floor level.

91 It is required that seminar rooms have direct access to the stack.

92 To facilitate the administration of the library, it is desirable that all book-users, save those in the seminar rooms, enter the library precincts through the delivery or "bibliographical" room, where card catalogues and book indexes will be exposed for consultation, and books withdrawn and returned. This room should have direct communication by stairs and book-lifts with the stack; it will be the workroom of the chief cataloguer; through it all persons should pass to reach the reference-room, and adjoining it must be the order and accessions-room. The portion containing delivery and card-catalogue cases will serve as a thoroughfare to surrounding rooms, one-third of the entire area sufficing for this; the remainder will be railed off for the use of the chief cataloguer, and will contain his wall bookcases, desks and tables.

93 The areas and other detailed requirements of parts of the library are as follows:

94 **THE STACK.** The stack must not exceed six stories in height, four or five being preferable, in order that the reference-room, if in top story, may be as near main-floor level as possible. The minimum combined area of all stack floors is to be at least thirteen thousand (13,000) square feet, and the stack is to be planned to minimize distances between each of its parts and the delivery desk. Opposite each aisle must be placed a window, the full width thereof, and as nearly as possible of full-story height. At least two stairways and a large book elevator, conveniently located, must connect all decks and communicate with delivery desk, and two open spaces for work tables in each story are desirable. Handbook-lifts must run throughout stack; one to reference-room, and one to delivery-room. One main aisle, four feet wide, is to be provided, communicating with all others, which are to be two feet four inches wide. Bookshelves generally will be eight inches deep, but bottom shelves in all cases will be twelve inches deep. Cases are to be set back wherever possible, and will be in three-foot sections, not over six sections to the case, while seven shelves in the height of the case are to be assumed. Stairs shall be two feet wide. Computations of capacity will be based on eight (8) volumes to the running foot of shelf. None of the foregoing shelf, aisle and stair dimensions shall be lessened, and they need not be enlarged.

95 **REFERENCE ROOM.** This should be given generous height, and be abundantly lighted. Window-sills should be set about seven feet above the floor to allow for wallcases. The area of this room will be thirty-eight hundred (3800) square feet, and it will receive large study-tables, attendants' desks, book-tables, and wallcases.

96 Librarian's Offices, general and small private, total, 400; communicating with reference and order and accessions rooms.

97 Bibliographical Room (described in sec. 92), 1000.

98 Cataloguing Room, 300; preferred but not required to be on administration floor, but must have direct connection with order and accessions room, at least by book-lift.

99 Order and Accessions Room, 200; must be on floor of librarian's offices and bibliographical room, and have direct communication with both. Will have wallcases.

100 Receiving Room, area 200; may be in basement and must have direct access to street for delivery wagons. To communicate directly with order and accessions room by a book-elevator.

101 Storage Room, with cases for storage of duplicates, 1000; repair-room, 200, and vault, fireproof, 100; these may be in basement.

102 Seminar Rooms, for conference between advanced classes and their instructors; four are required, with areas of 500 each, and two more are desired, with areas of 300 each, all furnished with single table and wall shelving and to have direct access to stack.

103 Private Study Rooms, three or four; area of each about 150. Preferably above main floor.

104 Museum, with horizontal and vertical display cases, 1200; as near main floor as possible.

105 Unassigned rooms, two or three of from 200 to 300 each; suitable for future assignment as cataloguing, study or storage-rooms.

106 Toilets, etc. Toilet, lavatory and coat-room for students; toilets for male and female attendants; private toilet and lavatory for cataloguing-room; lavatory for librarian's room.

B. WORSHIP

107 **THE CHAPEL.** An essential function of the Seminary is the maintenance of divine worship, and services which are open to the public as well as the student body are regularly conducted by the faculty. A building dedicated to this purpose will form part of the new group.

108 The orientation of this building has no significance, but entrance to it from within the enclosed spaces of the group, rather than directly from the street, is suggested as a probable advantage.

109 The plan requirements will be similar to those of the chapel in the present buildings on Park Avenue, with the following differences in detail: The faculty stalls are to seat as many more persons as possible; choir stalls are to seat a total of thirty, and a pulpit, whose floor will be one step above that of chancel, is to substitute the reading desk, at left of Communion table (from viewpoint of audience), being located, preferably, near the left wall at audience-end of choir stalls.

110 These changes may be effected either by so deepening the chancel that choir stalls may be set nearer the auditorium, thus allowing faculty stalls to extend the full width of chancel and return on side walls, or by so broadening the chancel as to permit the placing of faculty stalls between choir stalls.

111 The interior effect of the present chapel is regarded as so satisfactory that its reproduction in the new building would be highly gratifying to the friends of the Seminary, and it is hoped that this may be found possible. But this desire is expressed as a suggestion only and with full reserve, it being the wish of the committee that no conditions be imposed upon competitors which may prejudice the successful working out of the plan as a whole. Competitors are therefore advised that the realization of this suggestion at the sacrifice of any essential considerations elsewhere in the design, whether they concern composition or program requirements, will be regarded with disfavor.

112 Competitors who may wish to incorporate in their designs the motif of the present chapel will find its dimensions in the survey appended to the program. Such reproduction will require the transfer to the new building of the present faculty stalls, with the mural painting above them, the glass of the gable window and the roof trussing, and would require the duplication of the structure in cross section and in the single bay, laterally; but while the arch form of the side windows would be repeated, its tracery may be ignored. The number of bays or length of the interior would be increased as necessary to provide the seating capacity required for the new auditorium. For the new chapel the following detailed requirements will be observed:

113 Auditorium: To seat not less than three hundred fifty (350), and, if possible, four hundred (400) persons, exclusive of those in gallery.

114 Gallery. To contain sittings enough to complete for the chapel a seating capacity of at least five hundred (500) persons, and to overhang as little as possible any part of the auditorium floor.

115 Organ Chambers (one or two). To have a total area of at least 300.

116 Choir Room. For practice, area 500; with two robing-rooms adjoining; one for faculty and one for choir, each with an area of 200. Direct access to auditorium from choir-room is desirable, and to entrance vestibule, or lobby, essential.

117 Seat Dimensions. If the present chapel be reproduced, then the dimensions and spacings of present pews shall be observed in new work, otherwise all sittings are to be at least twenty inches (20) wide, and pews are to be spaced thirty-two inches (32) back to back.

C. RESIDENCE

118 DORMITORY. This is to house 150 Seminary students and is to be arranged on the corridor rather than the separate-house principle. The accommodations will be as follows, the least practicable room areas being given:

119 ROOMS. One hundred and twenty (120) suites, consisting each of bedroom and study for one student; area of suite, 260; ten (10) suites, consisting each of two (2) bedrooms and a study for two students; area of suite, 370; ten (10) single rooms at 180 each. Each bedroom must be planned to receive a single bed, a bureau, and washstand, and must have a clothes closet whose area may be comprised in that required for the room.

120 Bathing Facilities, Etc. Every story above the first is

to have two bathrooms, conveniently located, each with two shower baths, and toilet and lavatory provisions.

121 Social Room. On the main floor level is to be located a reception-room of 500, a social-room of 1500, and a lounging-room of 500, arranged en suite. A kitchen and pantry, for occasional use, will be put in basement under these rooms.

122 Guest-rooms are to be provided, in a portion of the building near the social-rooms, as follows: Two suites of study, bedroom and bath, each suite with an area of 300 square feet; and a suite of study with two bedrooms and bath, with total area of 500 square feet.

123 Infirmary. To have a sunny exposure; a single room of 300 square feet area, with bath and medicine closet attached, accessible from a service elevator by private hallway.

124 Isolation Room. Separated from infirmary but contiguous, 200 square feet area, having its own bath. This room, like the infirmary, must be accessible by private hallway from a service elevator.

125 An exercise-room will be placed in the basement, will provide light apparatus and a bowling alley, and three shower baths, a lavatory and toilet-room must be convenient.

126 Dormitory Service. This requires, first, storerooms, which may be in an attic, for the deposit in summer of bedding, crockery, mirrors, etc., and for students' trunks and other belongings; second, a large baggage-room accessible from street and convenient to service elevator, for handling of students' trunks, etc.; third, in same floor, a bicycle-room for fifty wheels.

127 Sleeping quarters for help, noted under "Service," may be located in top story of dormitories, if isolated.

128 Out-door courts for tennis and handball are desired, especially in the vicinity of the dormitories.

129 PRESIDENT'S HOUSE. This should be easily accessible to students and have convenient communication with the administration-rooms, but must be assured, as far as possible, of the quiet and retirement of a private dwelling. It will contain the following rooms:

130 Large library and drawing-room, reception-room, dining-room, kitchen, pantries, laundry, storerooms, etc., eight bedrooms, with baths and closets, for family and servants, and one bedroom with bath for guests.

D. SERVICE

131 Heat, light and power will not be generated on the Seminary plot, being supplied from outside, but a supplementary boiler will be installed in the basement of one of the buildings for the "general work." In the same place will be located storage space for 100 tons of coal and repair shops for engineer, electrician and carpenter.

132 Chief Janitor's Quarters. For the chief janitor provide living quarters, consisting of a large general or living-room, dining-room, kitchen, pantry, storeroom, and laundry, three bedrooms, closets and a bath. These quarters should be centrally located and in a lower story.

133 Assistant Janitor's Quarters. These will consist of a large living-room, kitchen, storeroom, two bedrooms, with closets and a bath; should be in a lower story, located centrally, but not near those of the chief janitor.

134 Laundry. In the basement-story will be located the laundry with its rooms for washing, drying and ironing, and with a linen storage and repair-room. For all of these allow 1200 square feet.

135 Chief janitor's shops, two, in the basement-story.

136 Carriage Entrance. This may be introduced if the plan will permit.

137 Male Help Quarters. Provide single sleeping-rooms for ten men, near assistant janitor's quarters, or in dormitory, with shower bath and toilet convenient.

138 Locations. All parts of the service are to be located as far as possible within the buildings forming the "general work" (sec. 82).

E. RESERVED TRACT

139 While the eventual use of this portion of the plot is not now determined, it will probably be assigned to residence purposes, providing both for extension of the present dormitory system and for family apartments.

140 Competitive designs will therefore so treat the buildings on the reserved tract as to provide for the following:

141 A. One or more dormitories, containing a large "commons" or general dining-hall, with kitchen and serving facilities; otherwise with the same type of student-rooms as in present dormitory (sec. 119), and with a total capacity at least double that of the latter, if possible.

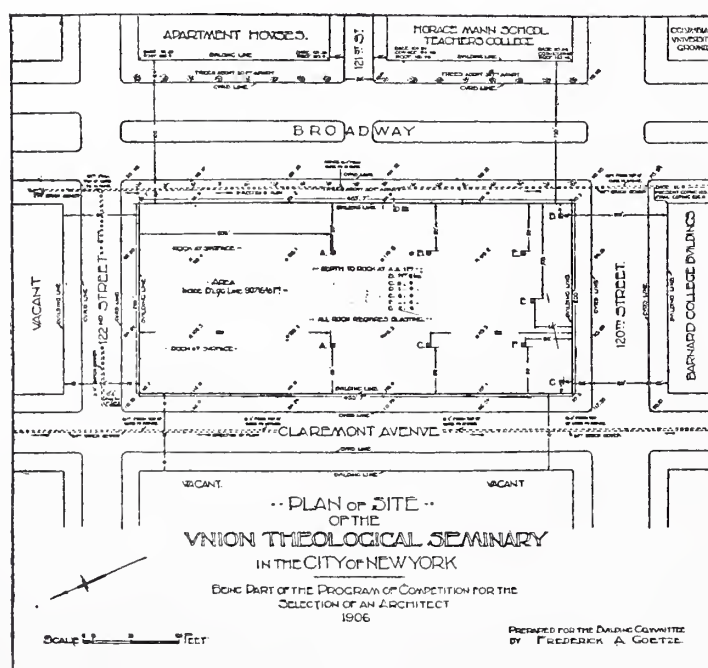
142 B. Ten or twelve family or "residential" apartments, arranged with the rooms of each apartment in two stories.

143 Not more than one-third of the plot, and that the northerly portion, may be assigned to the above buildings.

157 This program approved this nineteenth day of April, 1906.

JOHN CROSBY BROWN,
Chairman Building Committee.

WARREN P. LAIRD,
Adviser.



PLAN OF SITE

STATE OF NEW YORK

NEW EDUCATION BUILDING

SECOND ARCHITECTURAL COMPETITION

THE CAPITOL
ALBANY

PROGRAMME

The Board of Award hereby announces the terms of the second competition, with accompanying suggestions:

Drawings.

The number and kind of drawings, and their scale, rendering, presentation, etc., are to be as follows:

(A) PLANS. Floor plans of all floors, including basement. In case mezzanine arrangements are adopted, the plans of the mezzanine story shall be shown grouped on one or more separate sheets.

(B) ELEVATIONS. Elevations of four fronts and two sections, taken in such a way as to show the disposition of important rooms and light courts if used.

The above drawings must be to the scale of 1-16 of an inch to the foot, and walls and piers to be shown in solid black. The usual indications for mosaic, marble or tile floors may be shown in the hallways or corridors, but simple cornice lines only to be shown in the rooms. A wash of one color may be placed over the halls and corridors. It is desired that the plans show clearly the hallway, corridor, staircase and elevator spaces, as distinguished from usable rooms.

The principal front elevation only is to be rendered in water color in monochrome, with shadows cast to 45 degrees. The sections and three lesser elevations are to be shown in ink outline only, without rendering or cast shadows.

(C) PERSPECTIVE. No perspective view is to be submitted.

(D) All drawings shall be on white paper mounted on heavy card with simple border, but shall not be framed or glazed. Sheets shall not exceed 30 in. x 50 in. in size.

(E) A typewritten memorandum or description shall accompany the work of each competitor and shall cover:

- 1 A brief discussion of the general scheme.
- 2 A statement of the number of cubic feet comprised in the building.
- 3 A memorandum specification indicating briefly the materials of construction proposed.

No other drawings than those herein described will be received or considered. No alternative arrangement will be accepted.

Suggestions.

1 Much ornamental detail is not thought desirable. The main reliance must be upon forms, proportions and color effects, without descending to gaudiness or relying upon multiplicity of colors.

2 It is desired that the building be placed in the middle

of the front of the site, 25 or 30 feet from the inside line of the sidewalk, and it is thought well that a space of perhaps 50 feet be left vacant at each end of the building. In studying desirable and harmonious general effects, the close proximity of the Capitol must of course be kept in mind.

3 Main entrances at the middle of the front and subordinate entrances near the ends of the front or on Hawk Street and Swan Street are desirable.

4 All four elevations of the buildings must be attractive. This must be distinctly sought on the rear and ends as well as on the front. A terrace in front seems inadvisable.

5 The convenience of visitors and the claims of smooth and economical administration require careful study. The facilities for the expeditious handling of mails, freight, and supplies, without destroying the quiet which needs to be secured in such a building and without annoyance to the neighboring church, also require attention. To attain the best results in this behalf one must understand the work, the organization, and the methods of the Education Department. Printed matter bearing upon the organization and business of the Education Department will be sent to the competing architects. A statement concerning the uses, sizes and relations of rooms required will be found below.

6 We are to provide for invaluable State papers, for a great library, and for scientific collections and ancient relics of prime value and interest in the country. The State Library has now something like 500,000 books and 260,000 historical manuscripts and maps. The State Museum has endless collections, incapable of duplication. These will be indefinitely extended and enriched. Then the matter of secure accommodations, free from dampness and safe from fire and theft, and yet easy of immediate access, is one of much moment. The question of steel vaults will claim the fullest examination, and an architect who cannot make a roof that is sure to shed water is not up to the demands of the occasion.

7 It seems clear that the Audience Room had better be placed in the east end of the basement and have free openings upon the street, so that it may be filled and emptied without using the corridors of the building. It might be well to arrange a gallery to this room so that the gallery could be entered from the first floor. It may be said that this room is not looked upon as a feature of first importance in the building. It should be a comfortable and attractive room, capable of accommodating, say, five or six hundred people. A descending floor is not vital although a slight decline might be well. The room will be used for small deliberative assemblages, and must

be so arranged as to make these bodies comfortable and at home. Two or three committee rooms in connection with this room are desirable. Not much ornamental detail is expected in this room, but it should be without obstruction to the view.

This building is essentially a working building. Good lights, free ventilation, and perfect sanitation are indispensable. It would seem that it should not be such a heavy building, with thick walls, as the Capitol. It is especially desirable to have the interior construction designed with columns and girders rather than with walls as supports, so that intermediate partitions may be removed or rearranged if later found necessary. This would not prevent, however, certain walls such as those between the main divisions of the building being carried through. Sufficient provision for ventilating flues must be made, but the details of such flues need not be shown. Interior courts should be avoided, and yet light corridors must be secured. In by far the greater part of the building, there should be good, comfortable *workrooms*.

It seems as though the apartments of the general officers of the Department should be placed on the first floor in a conspicuous location. If it works out well the rooms for the administrative divisions may be located on the same floor, but there is no strong administrative necessity for this. Without inconvenience they, or a part of them, might be placed elsewhere in the building. It also seems as though a good arrangement would place the State Library on the second and third floors, with a staircase leading from the front entrances up to the second floor, and possibly to the third. This scheme would locate the Science Division on the fourth floor. The elevators would be placed near the main entrances. The library stacks are expected to be placed in the extension of the site to the rear, and may occupy all floors unless ample space is secured without using the fourth floor, so that it may be left to the museum. But architects will not feel limited by these suggestions as to the location of the three grand divisions of the Department.

The rooms of first dignity in the building are those of the Board of Regents, the Commissioner of Education, and the general rooms of the State Library. Next to these in importance are those of the Assistant Commissioners of Education and of the Directors of the State Library and of the Science Division. It is desirable that the rooms of the Board of Regents and the Commissioner of Education be connected, and that those of the Assistant Commissioners be not far away.

There must be private toilet rooms and clothespresses in connection with each of the rooms of the more important officers, and spacious accommodations of this character for both sexes, convenient to the workrooms of employees. It seems desirable that similar conveniences for the public shall be provided. Architects are enjoined to make these sufficiently numerous, spacious and convenient. Toilet rooms must not be without ample light and air.

It would seem that not much space should be given up to large staircases. One handsome one, going up one or at the most two stories in connection with the Library, seems appropriate. There should be others at the ends of the building, but they should be inconspicuous. The main reliance of the upper stories must be upon the elevators. Attention is called

to the desirability of an impressive main entrance. This did not seem to be widely appreciated in the first competition.

Details as to the Different Rooms.

The following will indicate to architects the sizes, relative importance, proper relations and the ordinary uses of the rooms required in the Education Building.

ADMINISTRATION.

1 REGENTS CHAMBER, with open fireplace . . . 1,400 sq. ft.

This room should be of beautiful and dignified character, suited to the uses of the highest Educational Board of the State. There should be a cloakroom of sufficient size for the use of the Board of Regents adjoining this chamber.

2 COMMISSIONER OF EDUCATION, one room with open fireplace . . . 800 sq. ft.

One room—Commissioner's private room.. 400 sq. ft.

There should be a cloakroom adjoining one of these two rooms for the use of the Commissioner of Education, and a toilet room should be provided adjoining the rooms of the Commissioner of Education for his use and for the use of the Board of Regents when in session. The large room of the Commissioner of Education should open into the Regents Chamber. The small private room of the Commissioner of Education need not have communication with any room except with his large room.

3 FIRST ASSISTANT COMMISSIONER, one room with clothespress adjoining . . . 700 sq. ft.

One room—outer office with clothespress adjoining . . . 300 sq. ft.

4 SECOND ASSISTANT COMMISSIONER, one room with clothespress adjoining . . . 700 sq. ft.

One room—outer office with clothespress adjoining . . . 300 sq. ft.

5 THIRD ASSISTANT COMMISSIONER, one room with clothespress adjoining . . . 700 sq. ft.

One room—outer office with clothespress adjoining . . . 300 sq. ft.

The offices of the Assistant Commissioners should not be remote from the rooms of the Commissioner of Education, but they need not necessarily be connected with his rooms. If upon the same floor it would suffice. Each Assistant Commissioner should have as above indicated an excellent office with a small outer office adjoining it. If practicable, the offices of the Assistant Commissioners may be grouped together and one toilet room may be centrally located for the use of the three Assistant Commissioners. If the offices of the Assistant Commissioners are not grouped together each Assistant Commissioner should have a small toilet room adjoining his office. If the offices of the Assistant Commissioners are not located adjacent to the rooms of the Commissioner of Education, it will not be objectionable to have a general reception room into which each of the offices of the Assistant Commissioners shall open.

6 SECRETARY TO THE COMMISSIONER, one room with clothespress adjoining . . . 500 sq. ft.

This room should adjoin the large room of the Commis-

sioner of Education and should possibly though not necessarily connect also with the Regents Chamber. This room should be provided with a steel vault.

- 7 PUBLIC RECEIVING ROOM, one room with cloakroom adjoining 1,000 sq. ft.

This room should be near the rooms of the Commissioner of Education and should perhaps connect with the office of the Secretary to the Commissioner and with the Regents Chamber. It might be well if the rooms could be arranged to have this public receiving room open into the Regents Chamber and the Commissioner's rooms on the one side and into the offices of the Assistant Commissioners on the other. This is not imperative, however, but it is important that the rooms of the Commissioner of Education be easily reached from the public receiving room.

- 8 ACCOUNTS DIVISION (four employees—one man and three women).

One room with clothespress adjoining.... 1,400 sq. ft.

This room should be divided by a railing leaving a space of about 600 sq. ft for the public and 800 sq. ft for the employees of the division, who will transact business with the public from a counter as in a bank. This room should also be provided with a large steel vault for the care of the books, papers and cash in the hands of the division. This room should be located near the offices which have been above indicated.

The following divisions may be grouped together, although it is not essential that they should be. They need not be near the rooms of the Commissioner of Education, although it will be better perhaps if they can all be located on the first floor of the building.

- 9 COMPULSORY ATTENDANCE (three employees—one man and two women).

One room—private office of the Chief, with clothespress adjoining 400 sq. ft.

One room with clothespress adjoining..... 600 sq. ft.

- 10 STATISTICS DIVISION (six employees—two men and four women).

One room—private office of the Chief, with clothespress adjoining 400 sq. ft.

One room with clothespress adjoining..... 900 sq. ft.

If practicable, the Divisions of Compulsory Attendance and Statistics may be connected so that the offices of the two chiefs will open into the large room of 900 sq. ft called for under the Statistics Division.

- 11 EXAMINATIONS DIVISION (sixty-four employees—fourteen men and fifty women).

Printing room 1,200 sq. ft.

For type cases, presses, etc., also for storage of plates and stock.

Question room 1,200 sq. ft.

For storage and distribution of question papers, and for receiving and checking answer papers previous to distribution to examiners.

Readers' room 5,000 sq. ft.

To accommodate 50 readers and to allow for future expansion.

Academic record room..... 1,200 sq. ft.

Professional record room..... 800 sq. ft.

Registration room 600 sq. ft.

Storage room 2,000 sq. ft.

This should communicate with the academic record room.

Stenographer's room 625 sq. ft.

Editing room 400 sq. ft.

To afford suitable accommodations and seclusion for the editing and otherwise preparing of question papers.

Office for Chief..... 400 sq. ft.

Office for Assistants..... 800 sq. ft.

The Examinations Divisions should be provided with a suitable cloakroom for men and for women, and also with convenient toilet rooms for men and for women.

- 12 INSPECTIONS DIVISION (three employees—one man and two women).

One room—private office of the Chief, with clothespress adjoining 400 sq. ft.

One room—outer office with clothespress adjoining 500 sq. ft.

One room for storing plans of schoolhouses. 500 sq. ft.

- 13 LAW DIVISION (two men employees).

One room—private office of the Chief, with clothespress adjoining 400 sq. ft.

One room—outer office with clothespress adjoining 300 sq. ft.

- 14 SCHOOL LIBRARIES DIVISION (three employees—two men and one woman).

One room—private office of the Chief, with clothespress adjoining 400 sq. ft.

One room—outer office with clothespress adjoining 300 sq. ft.

These rooms may be located, if practicable, near the stack rooms of the State Library, so that the books accumulated by the division may be cared for in the stacks.

- 15 DIVISION OF VISUAL INSTRUCTION (seven employees—three men and four women).

One room—private office of the Chief, with clothespress adjoining 400 sq. ft.

One room—outer office with clothespress adjoining 500 sq. ft.

One room with clothespress adjoining..... 600 sq. ft.

One room for cabinets and slides—practically a stack-room 1,200 sq. ft.

One room for making and coloring slides with north light if practicable..... 400 sq. ft.

- 16 MISCELLANEOUS ROOMS

One stenographer's room near the rooms of the Commissioner of Education..... 600 sq. ft.

One stenographer's room near the offices of the Assistant Commissioners of Education..... 600 sq. ft.

Filing room—may be made into two rooms, if necessary 1,000 sq. ft.

Mailing room 800 sq. ft.

Supply room 800 sq. ft.

Publication room—may be made into two rooms, if necessary 1,400 sq. ft.
 Printing clerks room..... 800 sq. ft.

The filing room, mailing room, supply room and publication room should be connected, if practicable. The mailing room should have a small freight elevator and an inside staircase to the basement immediately below, which should be arranged for a shipping room. All of these rooms should be located on the first floor.

7 AUDIENCE ROOM, to accommodate 500 to 600 people, 4,500 sq. ft., and to have adjoining it two committee rooms of about 400 sq. ft. each.....800 sq. ft.
 The location of this room has been previously indicated.

3 GENERAL STORAGE. At least 4,000 sq. ft. should be provided on the first floor in various parts of the building for general storage purposes..... 4,000 sq. ft.

Private toilet rooms should be provided for men and for women adjacent to any of the above offices not otherwise provided for.

STATE LIBRARY.

68 employees (24 men, 44 women)

General Considerations.

In the following schedule of rooms nothing is said about height of ceilings. It is, however, essential that the height of rooms, from center to center, in the main part of the building should be multiples of the height of the book stack stories, from center to center, in order that the main floors should exactly coincide with the floors of the stacks. If the main floors are two stack stories in height, the general reading room (No. 1 below) should be at least three stack stories in height. Perhaps it would be well to have high ceilings also for rooms 5, 7, 10 and 12.

Ample provision should be made for separate cloak and toilet rooms for the staff and for readers. Their number and location will depend upon the general scheme of arrangement, but the number of assistants and Library School students and the probable number of readers, as suggested in this outline, should be considered.

Good ventilation, heating, and natural and artificial light within the stacks and in the reading rooms are especially important in a library. In some of the reading rooms high windows with shelving on the lower walls may prove desirable.

In the following schedule of rooms some idea is given of the desirable relative location. When a room should be near several others, these others are named in order of preference.

GENERAL READING ROOM..... 6,000 sq. ft.

This room should have direct access to book stacks, public corridors, staircases and elevators, and should have seating capacity for 200 readers.

HISTORY AND GENEALOGY READING ROOM... 3,500 sq. ft.

This room should connect with No. 1 and have seating capacity for 50 people with space at the rear for floor cases in book arrangement. It should be so arranged that the attendant may have oversight of the map room (No. 3 below).

MAP AND CHART ROOM..... 1,500 sq. ft.

This room should connect with No. 2 and should be near and 4.

4 MANUSCRIPTS—four rooms.

Located near 2 and 3 and with a total area of 6,000 sq. ft. 6,000 sq. ft.

A Reading room 1,200 sq. ft.

Door of this room should be the only entrance to the manuscript rooms. Should connect with B and D.

B Office of Archivist..... 500 sq. ft.
 Should connect with A and C.

C Workroom 1,000 sq. ft.
 Should have lavatory and should connect with B and D.

D Manuscript stacks 3,300 sq. ft.

This room may depend on artificial light. Should connect by doors with A and C and, if convenient, with B. Doors to be steel and partition walls fireproof.

5 TECHNOLOGY READING ROOM..... 5,000 sq. ft.

Should be near general reading room (No. 1 above) and with close access to book stacks. There should be two special study rooms of 200 sq. ft. each.

6 EDUCATION READING ROOM..... 1,500 sq. ft.
 Should be located near 1 and 25.

7 MEDICAL LIBRARY.

Should be located near 10 and 25, should be divided into five rooms as follows and arranged for supervision by one person:

A Reading room 2,300 sq. ft.

B Medical students room..... 800 sq. ft.

C Current periodicals room..... 750 sq. ft.

D, E Two study rooms (375 sq. ft. each) 750 sq. ft.

8 CONVERSATION ROOM 500 sq. ft.
 Near general reading room and loan desk.

9 EXHIBITION ROOM FOR RARE BOOKS AND MANUSCRIPTS 2,000 sq. ft.

10 LOAN DESK AND CARD CATALOGUE..... 2,000 sq. ft.

The loan desk should be in the entrance lobby of the general reading room. The card catalogue may be located in an alcove opening off this lobby.

11 INDIVIDUAL STUDIES—four rooms of 250 sq. ft. each; near general reading room..... 1,000 sq. ft.

12 CURRENT PERIODICALS READING ROOM..... 2,000 sq. ft.
 Near general reading room.

13 CATALOGUING ROOM (including classification and shelf listing; connecting with No. 10 above and if possible with No. 14) 3,000 sq. ft.

About 400 sq. ft. of this space should be partitioned off for typewriting.

14 ACCESSIONS—three rooms.

Should be located near or have convenient access to 13, 10, 12, and elevator to shipping room and bindery in basement.

A Working room 2,500 sq. ft.

B Receiving and sorting room..... 500 sq. ft.

C Book board meeting room..... 500 sq. ft.

15 SOCIOLOGY—five rooms, with a total area of 6,500 sq. ft.

Should be near Law Library and have direct access to document collection in main book stack.

- A* Legislative reference and sociology reading room 4,500 sq. ft.
- B* Consultation room, adjoining *A*..... 400 sq. ft.
- C* Sociology librarian's office, adjoining *B*.. 400 sq. ft.
- D* Office for clerks, adjoining *C*..... 800 sq. ft.
- E* Room for supplies and work tables, adjoining *D* 400 sq. ft.

16 LAW LIBRARY.

Eleven rooms with a total area of 20,000 sq. ft. Should adjoin stack and be near Sociology, but need not be on same floor as general reading room.

- A* Main reading room..... 6,300 sq. ft.
Accommodations for 100 readers at long tables.
- B* Law legislative reference room..... 2,800 sq. ft.
Adjoining above and No. 15*A* and with accommodations for 32 readers. Under supervision from 15*A*.
- C* Cataloguing room 800 sq. ft.
Adjoining main reading room (16*A*). Four assistants.
- D* Law Librarian's office..... 500 sq. ft.
Adjoining cataloguing room and main corridor. Should contain cases for rare law books.
- E* Room for cases and briefs and periodicals... 4,200 sq. ft.
Adjoining 16*A* and 16*C* and under supervision from 16*A*.
- F* Workroom 500 sq. ft.
Adjoining 16*E*.
- G* Textbook and miscellaneous collection room.1,800 sq. ft.
Adjoining or part of 16*A*.
- H* English and foreign room..... 2,200 sq. ft.
Adjoining 16*E*.
- I* Three consultation rooms 300 sq. ft. each.. 900 sq. ft.
Should be near 16*A*.

- 17 RARE AND RESTRICTED BOOKS..... 1,000 sq. ft.
Might be near 9 and 4.

- 18 LIBRARY FOR THE BLIND..... 2,500 sq. ft.
Preferably 50 x 50 ft. with floor bookcases in stack arrangement occupying two-thirds of room. Remaining space near windows for readers and attendants.

- 19 STUDY CLUB OR TEACHERS' CLASSROOM..... 1,000 sq. ft.
Near main library staircase, with direct access from corridor and with seating capacity for 50 people.

- 20 DIRECTOR'S OFFICES.
Four rooms and lavatory.

- A* Director's private office..... 400 sq. ft.
- B* General office 600 sq. ft.
- C* Workroom 200 sq. ft.
- D* Stenographer's room 200 sq. ft.
- E* Cloakroom and lavatory..... 125 sq. ft.

- 21 GENERAL STENOGRAPHER'S ROOM..... 500 sq. ft.
Near 20.

- 22 ROOM FOR SUPPLIES..... 500 sq. ft.
Near 20.

Library School.

5 employees (1 man, 4 women)

Provision for 100 students (20 men, 80 women)

- 23 Nine rooms with a total area of..... 12,100 sq. ft.

These rooms might be located near Division of Educational Extension and need not be on same floor with general reading room.

- A* Schoolroom 4,500 sq. ft.
Space for 100 students' desks.
- B* Large lecture room..... 1,500 sq. ft.
- C* Smaller lecture room..... 1,200 sq. ft.
B and *C* may adjoin *A*.
- D* Offices 1,000 sq. ft.
Adjoining or part of *A*.
- E* Seminar room 1,000 sq. ft.
- F* Typewriting room 700 sq. ft.
- G* Room for supplies..... 400 sq. ft.
May be dark.
- H* Conversation room 200 sq. ft.
Should be near *A*.
- I* Room for samples and exhibits..... 1,600 sq. ft.

Educational Extension.

16 employees (3 men, 13 women).

- 24 Four rooms with a total area of 9,000 sq. ft. and easy communication by elevator with shipping room in basement.

- A* Office of Chief..... 500 sq. ft.
- B* Inspector's room 900 sq. ft.
- C* Office for traveling library assistants..... 900 sq. ft.
A, *B* and *C* to connect and open on *D*.
- D* Traveling library room..... 6,700 sq. ft.

To be fitted with floor cases for 40,000 volumes and to connect directly with main stack. Space at windows for 10 desks.

- 25 STACKS, CAPACITY 2,000,000 VOLUMES, 8 volumes to be allowed per linear foot.

If the requisite capacity can be secured, it is desirable that the stack projection or projections should not exceed 50 ft. in width.

Every cross aisle must have as large a window as possible at each end.

Shelves should be 9 in. deep and 10½ in. high *in the clear*. One or more cases of deeper shelving carried through all floors of the stack are needed. Each floor of the stack should be either 7 or 8 shelves high.

Main aisle should be 5 ft. wide, side and cross aisles 3 ft. wide.

Cases should stand 4½ ft. apart, from center to center.

Provision should be made for study tables on each floor or for a vertical series of small study rooms.

The points of connection with the main building should be narrow and fitted with fireproof doors. Stack should contain a service elevator and a stairway.

The library will need about 7000 sq. ft. of floor space in the basement to be used as follows:

Bindery 3,000 sq. ft.

Should have convenient connection with accessions room (No. 14 above) by service elevator.

Shipping room 1,000 sq. ft.

For receiving and packing books and traveling libraries.

Storeroom 3,000 sq. ft.

AMERICAN COMPETITIONS

STATE MUSEUM.

1	Director's office with lavatory and clothespress adjoining	700 sq. ft.
2	Director's clerk and stenographer—clothespress adjoining	600 sq. ft.
3	Files, laboratory, map room.	300 sq. ft.
4	Storage for publications.	600 sq. ft.
5	Office of Assistant Geologist, lavatory and clothespress adjoining	500 sq. ft.
5	Office of Assistant Paleontologist, with clothespress adjoining	500 sq. ft.
7	Office of Assistant in Economic Geology, with clothespress adjoining	500 sq. ft.
8	Mineralogist and instrument room.	500 sq. ft.
9	Office preparatory in geology.	300 sq. ft.
10	Office for clerical force, with clothespress adjoining	500 sq. ft.
11	Geologic-mineralogic laboratory	300 sq. ft.
12	Photographic and dark room.	250 sq. ft.
13	Machinery and rock-cutting plant.	2,500 sq. ft.

If practicable, the machinery and rock-cutting plant may be located in the basement of the building.

14	Office of draughtsman and lithographer.	200 sq. ft.
15	Exhibition room, general geology.	1,000 sq. ft.
16	Exhibition room, economic geology.	4,500 sq. ft.
17	Exhibition room, paleontology.	6,000 sq. ft.
18	Exhibition room, mineralogy.	4,700 sq. ft.
19	State Entomologist, assistants and clerical force, with lavatory and clothespress adjoining.	3,500 sq. ft.
20	Exhibition room, entomology.	2,500 sq. ft.
21	Storage room	200 sq. ft.
22	Insectory	600 sq. ft.
23	Office of Zoologist, with lavatory and clothespress adjoining	250 sq. ft.
24	Dry laboratory equipment.	300 sq. ft.
25	Wet laboratory with equipment.	300 sq. ft.

26	Dark room	50 sq. ft.
27	General introductory and synoptic collections of zoology and bionomy.	1,750 sq. ft.
28	New York fauna.	5,050 sq. ft.
29	Special display groups.	2,000 sq. ft.
30	Geographic assemblages	200 sq. ft.
31	Special type collections.	500 sq. ft.
32	Aquaria and vivaria.	500 sq. ft.
33	Taxidermy workroom, reference and skinning room	750 sq. ft.
34	Osteology workroom and maceration room.	500 sq. ft.
35	Room for plaster casting and painting, with roof illumination	300 sq. ft.
36	Storage for unmounted skins, skeletons, alcoholic specimens, loans and exchange material, etc.	1,000 sq. ft.
37	Office State Botanist and assistants, with lavatory and clothespress adjoining	1,500 sq. ft.
38	Exhibit State Herbarium, trees, etc.	2,500 sq. ft.
39	Office of Archæologist and collections, with lavatory and clothespress adjoining.	2,500 sq. ft.
40	Storage rooms in the basement of the building	6,000 sq. ft.
Total		57,200 sq. ft.

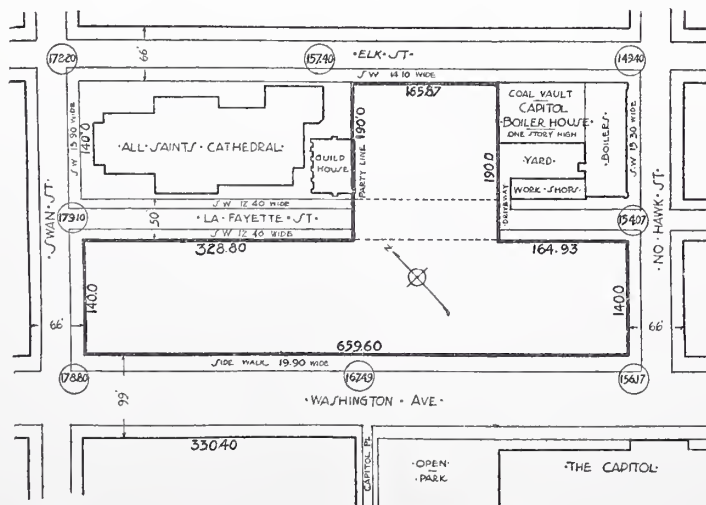
The Museum should be further provided with a private toilet room for men and one for women.

If, after all other allotments of space have been provided for, there is still room and floor space to be utilized, it is desired that 5,000 sq. ft. be used as a foyer to the exhibition rooms, and that 5,000 additional sq. ft. of space be added in equal amounts to the exhibition rooms in geology, paleontology, mineralogy and archæology.

Close of Competition.

The competition will terminate at five o'clock p. m. on Monday, April 1, 1907. Plans must be received at the office of the Commissioner of Education by that hour in order to be entitled to consideration.

JANUARY 10, 1907.



NOTE.—CURB ELEVATIONS GIVEN IN CIRCLES—FIGURES ALL IN FEET AND DECIMALS.

BLOCK PLAN EDUCATIONAL BUILDING—ALBANY, N. Y.

JAN. 9, 1907

J. H. HARRIS
STATE ARCHITECT

PROGRAM AND CONDITIONS
OF
COMPETITION FOR THE SELECTION OF AN ARCHITECT
FOR THE
NEW BUILDING
OF THE
INTERNATIONAL BUREAU OF THE
AMERICAN REPUBLICS
WASHINGTON, D. C.

GENERAL STATEMENT.

I A building for the International Bureau of the American Republics is to be erected in the city of Washington, on the property known as Van Ness Park, or, block South of 173, bounded by 17th and 18th, B and C Streets and Virginia Avenue, comprising in all about five acres, with the East or 17th Street frontage on the White Lot or Executive Grounds, and the B Street and Virginia Avenue frontages on Potomac Park.

II Architects, or firms of architects, of repute, not exceeding ten, will be specially invited to submit plans for this new building, and each of those accepting the special invitation will be paid the sum of \$1,000, to cover the expense of the plans.

III A general invitation is hereby extended to all architects of the American Republics residing in the United States to enter the said competition and to submit plans for the said building. The plans thus submitted in response to this general invitation will stand upon the same footing with the plans submitted by those specially invited. The names of those purposing to compete must be registered with the Director of the International Bureau of the American Republics, No. 2 Jackson Place, Washington, D. C., on or before the 30th day of April, 1907.

To the designer of the plan which is deemed to be first in merit among those submitted by competitors not specially invited but responding to this general invitation, and excluding any plan which may be accepted for construction of the building, the sum of \$3,000 will be paid; to the second in merit thereof, \$2,000; and to the third, \$1,000.

It will be observed that both classes of competitors, those specially invited and those generally invited, have an equal chance to be selected for the construction of the building, and that only those who are specially invited have the certainty of the payment of \$1,000 to cover the expense of plans, while only those who respond to the general invitation without being specially invited have a chance for the three prizes.

IV All the plans submitted under the foregoing invitations and competition will be passed upon by the Chairman

of the Governing Board and the Director of the Bureau, assisted by a committee of architects, who will be selected after consultation with the competitors, and the architect submitting the accepted plan will be chosen as the architect for the building.

V The successful architect must be ready to revise his drawings in accordance with any recommendations made by the Committee of Award. If the architect selected should be from those in the open class and should not, in the judgment of the Committee of Award, be capable of carrying out the work on account of lack of experience, the Committee reserves the right to require him to associate with himself some other architect, or firm, of wider experience acceptable to the Committee.

VI It is understood: that the architect, or firm of architects, whose design shall be placed first, will be awarded the commission for the carrying out of the work to full completion, on the basis of the schedule of charges adopted by the American Institute of Architects, said commission to be paid on all work necessary to complete the building ready for occupancy, with the exception of decoration, mural painting, and movable furniture; that no claim shall be made by a competitor for any fee, percentage, or payment whatever, or for any expense incident to or growing out of his participation, other than is expressly provided for in the terms mentioned herein; that a competitor will forfeit all privileges under the regulations who shall violate any of the conditions governing this competition, or who shall seek in any way directly or indirectly to gain advantage by influencing in his favor any of those in control of this competition.

VII The right is expressly reserved to reject any and all designs and to re-open the competition, if, in the opinion of the Chairman of the Board, the plans submitted are not suitable in all respects, as to design, cost, materials offered, or if any revision recommended shall fail to make the design acceptable.

The Committee of Award shall place out of the competition any set of drawings in which the conditions of these regulations have not been observed, and examine those re-

maining. No member of the Committee above mentioned shall have any interest whatever, directly or indirectly, in the designs submitted in this competition, or any business association with, or employment by, any of the competitors.

CONDITIONS GOVERNING DRAWINGS.

I All designs must be delivered to the International Bureau of the American Republics, Washington, D. C., on or before 2 P. M., June 15, 1907. Each set thereof, with its accompanying description, must be securely wrapped, sealed, and addressed in typewriting to: "The Director, International Bureau of the American Republics, No. 2 Jackson Place, Washington, D. C.," with the words "Building Competition" on one corner of the cover.

II Each design submitted must be plainly marked with the name of the building under competition, namely, "New Building for the International Bureau of the American Republics," and without any distinguishing mark or device whatever which might disclose or suggest the identity of the competitor.

There must be enclosed with each set of drawings a plain white opaque envelope, within which the competitor will place a card or piece of paper bearing his name and address. The envelope must be securely sealed with a plain wax seal, having no impression, legend, device, or mark upon it which might disclose or suggest the identity of the competitor.

III Upon opening, as soon as possible and convenient after the conclusion of the competition, the packages containing the drawings, the Committee of Award will number the envelopes containing the names and addresses of the competitors, and will place corresponding numbers, respectively, upon each drawing, plan, specification, etc., submitted by them and will preserve unopened the envelopes containing such names and addresses until the final selection shall have been made.

Thereupon, all designs of other competitors will be returned to them and no use made of any part thereof, that may be original, without the consent of the author and with compensation therefor. None of the unselected drawings will be exhibited to the public nor to any competitor without the written consent of the maker.

IV All designs must be on Whatman paper unmounted, of such size as to permit the presentation of the scheme of the competitor, with a border of clear paper not to exceed six (6) inches all around. Each design submitted shall consist of the following drawings, only (no alternate designs will be considered), enclosed in a portfolio or between stiff cardboard:

- A Rendered elevation of East front, scale $\frac{1}{8}$ in. to one foot;
- B Rendered elevation of South front, scale $\frac{1}{8}$ in. to one foot;
- C Sketch elevation of North front, scale 1-16 in. to one foot;
- D Sketch elevation of West front, scale 1-16 in. to one foot;
- E Plan of each floor including basement, scale $\frac{1}{8}$ in. to one foot;

F Block Section through building, showing heights of stories and proportions of principal rooms, scale $\frac{1}{8}$ in. to one foot.

V A description, not exceeding 1,500 words in length, typewritten on plain legal cap, calling attention to any special points of the design, materials to be used, including heating, lighting, ventilating, plumbing, finish of the building, and other features not clearly set forth in the drawings, must accompany the plans.

Perspective sketches must not be included, unless expressly ordered by the Committee of Award in order to reach a final decision.

All drawings, except rendered elevations, must be in line only, in India ink, the plans and sections blacked in; no objection will be made to putting a slight wash of color over the halls, corridors, stairways, etc., in order to show them more clearly, but there shall be no indication of tiling, mosaic, ceilings, or other embellishments. Furniture, like desks, and their location to lights and doors may be indicated, if desired, but only in outline without tints.

Names and dimensions of rooms shall be lettered on each in black India ink; no script or fancy lettering shall be used. One outstanding figure 6 feet high may be shown on the elevations to give the scale, but no other accessories shall be exhibited.

COST AND CHARACTER OF CONSTRUCTION.

I The cost of the building when constructed must not exceed, in its entirety, Six Hundred Thousand Dollars (\$600,000), including architect's fees, plumbing, gas piping, electric conduits and wiring, lighting fixtures, heating and ventilating apparatus, approved fixtures for library, including steel book stacks, etc., necessary to complete the building for occupancy and use, saving and excepting mural decorations and painting, and movable furniture.

II While the architects are left free to develop their plans as they think best, it is suggested that they bear in mind that the building is to be the home of the International Bureau of the American Republics, an institution supported jointly by the twenty-one republics of America under an organization known as the International Union of American Republics, for the purpose not only of promoting commerce and trade among them, but of developing closer ties of peace, friendship, and association. The peoples of the major portion of these Republics are of Spanish, Portugese, or other Latin extraction, and it therefore may be desirable that the building should have a character and tone in harmony therewith. In this connection attention is called to the ideas embodied in the correspondence between the Chairman of the Governing Board of the Bureau and Mr. Andrew Carnegie, reproduced in the appendix.

If the Spanish or Latin feature of a patio is included, it should have a sliding or rolling glass roof, in part, for protection against inclement weather or cold, but capable of being opened in summer, while the ground surface of the patio should permit of the placing of trees, flowers, and fountains.

The building must be of fireproof construction, the exterior to have such materials as each competitor deems best for the execution of his plans. In short, both the exterior

and the interior should be finished with due regard to the specific purpose of the structure as outlined above and not as an average government office building.

III The proposed site of the building, already outlined in the "General Statement," is shown by an accompanying diagram, which gives the grades, curb lines, areas, etc., of the ground. The principal frontage will be towards the East, and consideration must be given the fact that the building will stand on a large block of ground, about five acres, open to inspection from all sides, especially from the East and South-east, and having space for landscape gardening, driveways, approaches, etc. The land is on one of the principal corners in the scheme for the improvement of the park system of the District of Columbia.

On account of the low elevation of one corner of the ground, 8.70 feet above mean tide, it is probable that some filling in will be required, but the expense of this is not included in the general statement of the cost of the building. The eventual level of the street at this point is indicated by the manhole of a sewer which is nearly 5 feet higher than the present grade.

On the adjoining tract to the North, facing 17th Street, is the new building of the Daughters of the American Revolution, and two blocks to the North is the Corcoran Art Gallery.

DIVISIONS OF SPACE, ETC.

Below is a statement covering the wishes of the Governing Board of the International Bureau of the American Republics, as to divisions of space and other arrangements in the building, but no allowance is made for elevators, stairways, hallways, corridors, courtyards, etc. Ample accommodations with abundance of light in these respects must be provided.

The principal necessary divisions of space can be described under the following general heads:

- 1 ADMINISTRATION SECTION. For the Director of the Bureau, staff, and employees of the Bureau.
- 2 LIBRARY SECTION. For the Columbus Memorial Library, Reading Rooms, Stack Room, etc.
- 3 ASSEMBLY SECTION. For a large Hall, Reception and Committee Rooms.
- 4 SERVICE SECTION. For heating apparatus, fuel, mail-ing rooms, storage, etc.

The following dimensions are by no means absolute, but are intended to give a reasonable idea of the number of square feet required in the different divisions of space and rooms de-scribed:

I Considering "Administration Section," provision should be made for:

		ESTIMATED SQ. FEET.
A	Office of the Director of the Bureau.....	600
B	Cloak and Wash and Toilet Room (60), side room for a private secretary and two clerks (220), and small vault (30), all connecting with office of Director.....	310
C	General Waiting Room between offices of the Director of the Bureau, and office of the Sec-retary of the Bureau.....	600

D	Office of the Secretary of the Bureau (300), Cloak and Wash Room (40), with small ad-joining room for stenographer (150).....	490
E	Offices of the Chief Clerk (200) and assistants (400)	600
F	Office of the Translator and assistants.....	400
G	Room for Editor of the Bulletin, Statistician expert and assistants.....	465
H	Room for Accountant or Bookkeeper and as-sistant (200), vault for keeping books, rec-ords, etc. (25).....	225
I	Room for correspondence archives, etc.....	300
J	Two separate rest rooms, respectively for men and women of office staff, with toilet rooms adjoining	500
K	Attendants' Room	100
		4,590

Considering the location of this section with reference to the points of the compass, the principal offices should be grouped in the East and South frontages and the Southeast corner, with the offices of the Director, Secretary, and imme-diate staff on the second floor.

II. Considering "Library Section," provision should be made for:

A	Stack Room	2000
B	Public reading room.....	1200
C	Map and photograph room (with plenty of wall space)	800
D	Periodical room for filing and circulation....	800
E	Receiving and distributing room.....	480
F	Three study rooms (180 each).....	540
G	Librarian's office	300
H	Assistant Librarian	240
I	Cataloguing room	400
J	Accessions room	400
K	Cloak room	150
L	Lavatories (separate for sexes).....	200
M	Vault for valuable archives.....	200
		7,710

The Library Section, while having the Stack Room, Read-ing Room, etc., grouped together, should be arranged with reference to easy access and consultation on the part of the administrative, editorial, and statistical staff of the Bureau. For example: The room for the statistical expert and assist-ants should be convenient to the consultation and reference rooms of the Library. The permanent fixtures, which are to be included in the cost of the building, should be modeled after the most modern library arrangements. The Stack Room should be entirely free of wood-work, with steel stacks in tiers, and adjustable metal shelves, the upper tiers being separated from the ones beneath by glass or other flooring that will pro-vide plenty of light. The stack space should provide for 200,000 volumes.

III. Considering "Assembly Section," provision should be made for:

A	A large, dignified, high-studded Assembly Hall, 6,000
B	Room for meetings of Governing Board..... 1,200

AMERICAN COMPETITIONS

Four committee rooms, averaging 20 feet by 20 feet	1,200
Cloak Room for men.....	400
Toilet for men.....	100
Cloak Room for women (300) with toilet (100)	400
A room for caterer's service.....	400
	9,700
Grand Total	22,000

The Assembly Hall should be adapted to International conferences or Congresses, and to other dignified gatherings, such as receptions to distinguished visitors, addresses of men eminent in various callings at home and abroad, and should permit of decoration, ornamentation, and finish in harmony with the purpose of the International Union of American Republics.

V. Considering "Service Section," ample provision should be made for:

Furnaces, fuel, sewerage connections, electric light and gas conduits and meters, janitor's quarters, scrub-women's room, lunch room for staff and employees, kitchen facilities in connection with caterer's room), lesser employees' toilet

WASHINGTON, D. C., March 28, 1907.

rooms, mail room, bicycle rack room, binding room, and general distributing, packing and receiving room. There should be a covered approach to the basement where books and mail matter could be received from and delivered to conveyances, without exposure to the rain or weather, and with reference to distribution. This should be apart from the point where fuel would be received and ashes or dirt removed.

FURTHER DATA.

This program sets forth, it is believed, full enough data as to cost and general requirements of the building, its conditions, locations, etc., to permit the competitors to present satisfactory solutions of the problem, but questions may arise or modifications become necessary. Should either of these conditions occur, all inquiries for additional information must be made in writing only to the Director of the International Bureau of the American Republics, 2 Jackson Place, Washington, D. C., and any answer or additional information, embodying an essential modification, will be simultaneously communicated by mail to each competitor, but no information will be given after May 20, 1907.

JOHN BARRETT,
Director,
International Bureau of the American Republics.

APPENDIX

GOVERNING BOARD
OF THE
INTERNATIONAL BUREAU OF THE
AMERICAN REPUBLICS

Correspondence and resolutions relating to the gift of Mr. Andrew Carnegie for the building of the International Bureau of the American Republics and the Columbus Memorial Library.

Resolution of the Governing Board and Letter of the Secretary of State, Mr Elihu Root, to Mr. Andrew Carnegie, approved at the meeting of December 19, 1906.

Whereas, the Chairman of the Governing Board of the International Bureau of the American Republics has laid before this, the said Board, the following letter sent by him as Chairman to Mr. Andrew Carnegie, and has asked for the approval thereof by the Board; that is to say:

DEPARTMENT OF STATE,

WASHINGTON, December 4, 1906.

MY DEAR MR. CARNEGIE:

Your active and effective co-operation in promoting better communication between the countries of America, as a member of the Commission authorized by the Second Pan-American Conference held in Mexico; your patriotic citizenship in the greatest of American Republics; your earnest and weighty advocacy of peace and good will among the nations of the earth; and your action in providing a suitable building for the International Tribunal at The Hague, embolden me to ask your aid in promoting the beneficent work of the Union of American Republics, which was established by the Conference of Washington in 1889, continued by the Conference of Mexico in 1902, and has now been made permanent by the Conference of Rio de Janeiro in 1906. There is a general feeling that the Rio Conference, the South American journey of the Secretary of State, and the expressions of courtesy and kindly feeling which accompanied them, have given a powerful impulse to the growth of a better acquaintance between the people of all the American countries, a better mutual understanding between them, the establishment of a common public opinion, and the reasonable and kindly treatment of international questions in the place of isolation, suspicion, irritation, strife and war.

There is also a general opinion that, while the action of the Bureau of American Republics, designed to carry on this work from conference to conference, has been excellent so far as it has gone, the scope of the Bureau's work ought to be enlarged and its activity and efficiency greatly increased.

To accomplish this, a building adequate to the magnitude and dignity of the great work to be done is indispensable.

With this view the nations constituting the Union have expressed their willingness to contribute, and some of them have contributed, and the Congress of the United States has, at its last session, appropriated, to the extent of \$200,000, funds available for the purchase of a suitable site in the city of Washington. With this view also the Conference at Rio de Janeiro, on the 13th of August, 1906, adopted resolutions looking to the establishment of a

"permanent center of information and of interchange of ideas among the Republics of this Continent as well as a building suitable for the library in memory of Columbus."

and expressed the hope that

"before the meeting of the next International American Conference, the International Bureau of American Republics shall be housed in such a way as to permit it to properly fulfil the important functions assigned to it by this Conference."

Those functions are in brief to give effect to the work of the Conference, to carry out its resolutions, to prepare the work of future conferences, to disseminate through each American country a knowledge of the affairs, the sentiments and the progress of every other American country, to promote better communication and more constant intercourse, to increase the interaction among all the Republics of each upon the others in commerce, in education, in the arts and sciences, and in political and social life; and to maintain in the city of Washington a headquarters, a meeting place, a center of influence for the same peaceful and enlightened thought and conscience of all America.

I feel sure of your hearty sympathy in the furtherance of this undertaking so full of possibilities for the peace and the prosperity of America and of mankind, and I appeal to you in the same spirit that has actuated your great benefactions to humanity in the past to provide for the erection, upon the site thus to be supplied by governmental action, a suitable building for the work of the Union, the direction and control of which has been imposed by our respective Governments upon the Governing Board of which I have the honor to be Chairman.

With great respect and esteem, I am, my dear Mr. Carnegie,

Very sincerely yours,

ELIHU ROOT,

*Secretary of State and ex-officio Chairman of the
Governing Board of the Bureau of American
Republics.*

ANDREW CARNEGIE, Esquire,
New York City.

Mr. Carnegie to Mr. Root:

NEW YORK, January 1, 1907.

HON. ELIHU ROOT,

Secretary of State and ex-officio Chairman of the Governing Board of the Bureau of South American Republics, Washington, D. C.

DEAR SIR:

I am greatly pleased that you and your colleagues of the South American Republics have done me the honor to suggest that I might furnish a suitable home in Washington for the Bureau of American Republics.

The approval of your application by the Governing Board of the International Bureau and President Roosevelt's hearty expressions of satisfaction are most gratifying.

You very kindly mention my membership of the first Pan-American Conference and advocacy of the Pan-American Railway, the gaps of which are being slowly filled. The importance of this enterprise impresses itself more and more upon me, and I hope to see it accomplished.

I am happy, therefore, in stating that it will be one of the pleasures of my life to furnish to the Union of all the Republics of this Hemisphere the necessary funds (seven hundred and fifty thousand dollars), from time to time, as may be needed for the construction of an international home in Washington.

The co-operation of our own Republic is seen in the appropriation of funds by Congress for the purchase of the site; and in the agreement between the Republics for the maintenance of the Bureau, we have additional evidence of co-operation, so that the forthcoming American Temple of Peace will be the joint work of all of the Republics. Every generation should see them drawing closer together.

It is a cheering thought that all these are for the first time to be represented at the forthcoming Hague Conference. Henceforth they are members of that body, whose aim is the settlement of international disputes by that "High Court of Nations" or other similar tribunal.

I beg to express to each and all of them my heartfelt thanks for being permitted to make such a New Year's gift as this. I have never felt more keenly than I do this New Year's morning how much more blessed it is to give than to receive, and I consider myself highly honored by being considered worthy to provide the forthcoming union home, where the accredited representative of all the Republics are to meet, and I trust to bind

together their respective nations in the bonds of unbroken peace.

Very truly yours, ANDREW CARNEGIE.

The President to Mr. Carnegie:

THE WHITE HOUSE, WASHINGTON, January 2, 1907.

MY DEAR MR. CARNEGIE:

I am so much pleased at learning from Secretary Root what you are going to do for the Bureau of American Republics. You have already done substantially the same thing for the cause of peace at The Hague. This new gift of yours has an almost, or quite, equal significance as far as the cause of peace in the Western Hemisphere is concerned, for the Bureau of American Republics is striving to accomplish for this Hemisphere what The Hague Peace Tribunal is striving to accomplish for both Hemispheres. I thank you heartily.

Wishing you many happy new years, believe me,

Sincerely yours, THEODORE ROOSEVELT.

Resolutions approved by the Governing Board to the International Bureau of the American Republics at the meeting of January 30, 1907:

Resolved, that the letter of Mr. Andrew Carnegie to the Chairman of the Board, dated January 1, 1907, be received and filed and spread upon the minutes of the Board.

Resolved, that the Governing Board of the Bureau of American Republics express to Mr. Andrew Carnegie its acceptance and grateful appreciation of his generous and public spirited engagement to supply the funds for the proposed new building for the Union of American Republics. The Board shares with Mr. Carnegie the hope that the institution whose work will thus be promoted may further the cause of peace and justice among nations, and the sincere and helpful friendship of all the American Republics for each other.

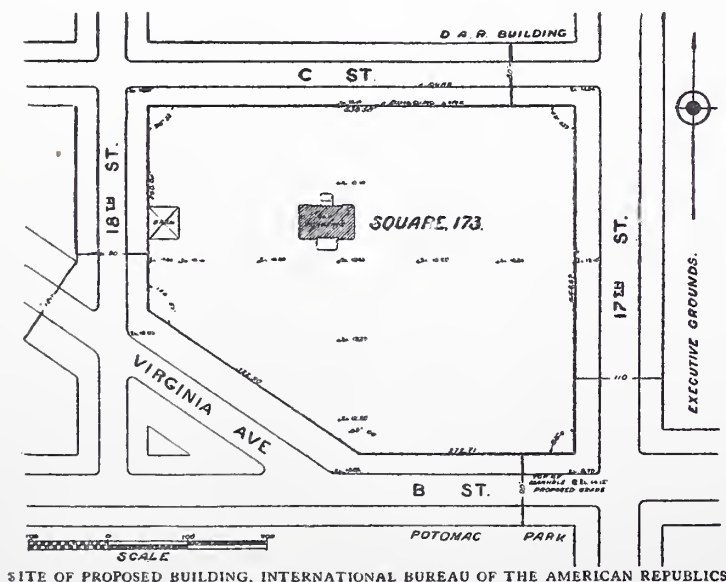
Resolved, that the Chairman of the Board communicate a copy of the foregoing resolutions to Mr. Carnegie.

The Governing Board of the International Bureau of the American Republics further resolves:

1. That the letter of the Honorable the Secretary of State, Mr. Elihu Root, to Mr. Andrew Carnegie; the answer of this distinguished philanthropist and the resolution of the Governing Board accepting his splendid gift, be kept on file with the important documents of the Bureau; and

2. That the text of these letters and the resolutions thereon be artistically engrossed under the title of "Carnegie's Gift to the International Bureau of the American Republics," and properly framed, to form a part of the exhibit of the Bureau at the Jamestown Ter-Centennial Exposition.

Now, therefore, be it resolved that the action of the Secretary of State, as Chairman of this Board, in sending the aforesaid letter be, and it hereby is, approved.



PROGRAM FOR A COMPETITION
FOR THE
SELECTION OF AN ARCHITECT
FOR A PROPOSED
STATE LIBRARY
AND
SUPREME COURT BUILDING
FOR THE STATE OF CONNECTICUT
TO BE ERECTED AT HARTFORD, CONN.

A Commission appointed by the Governor of the State of Connecticut, under an Act passed by the General Assembly of 1903, entitled:

(Senate Joint Resolution, substitute for Senate Joint Resolution No. 174, Senate Bill No. 155, and House Joint Resolutions Nos. 332, 333 and 420.)

(418.) And consisting of Morgan G. Bulkeley, of Hartford, H. Wales Lines, of Meriden, W. O. Burr, of Hartford, Charles C. Cook, of West Hartford, and L. W. Robinson, of New Haven, invite you to submit a design, with four other Architects, for a proposed State Library and Supreme Court Building, to include also a Memorial Hall, to be erected at Hartford, Connecticut, under the following conditions, namely:

I Each set of drawings with its accompanying description must be enclosed in a portfolio or between stiff cardboard, and to be securely wrapped, sealed, and addressed to the President of the Commission, Morgan G. Bulkeley, at Hartford, Connecticut, and delivered not later than 12 M., September 1st, 1906. Still further the package must be plainly and conspicuously marked with the name of the building under the competition, and without any distinguishing mark or device which may disclose the identity of the competitor.

II There must be enclosed with each set of drawings, etc., a plain white opaque envelope within which the competitor will place a card bearing his name and address. The envelope must be securely sealed with a plain wax seal having no impression, device or mark upon it which may distinguish the identity of the competitor.

III Upon opening the packages containing the drawings, the Commission will number the envelope containing the name and address of the competitor, and will place the same number on each drawing, plan, specification, etc., submitted by him, and will preserve unopened the envelope containing said name and address until the final selection shall be made.

IV The Commission shall place out of competition any set of drawings not conforming to the conditions and regulations herein set forth.

V No competitor shall be permitted to submit more than one design.

VI It is hereby mutually agreed and understood by and between the Commission and the competitor that no claim shall be made upon the Commission nor the State of Connecticut by any unsuccessful competitor for any fee, percentage or payment whatever, or any expenses incident thereto or growing out of his participation in the competition except as particularly set forth in Article Seventh.

VII Each competitor complying with the terms herein set forth will receive a sum of one thousand (\$1,000.00) Dollars in full payment for design submitted.

VIII Upon the selection of a design by the Commission, all designs of unsuccessful competitors will be returned to them, and no use will be made of any of the drawings not accepted, or of any part that may be original without the consent of the author thereof.

IX No drawing shall be exhibited or made public until after the award, and not then without the consent of the author, except the drawings of the successful competitor which may be exhibited and published at the discretion of the Commission.

X The successful competitor shall prepare sufficient drawings and descriptions to procure from a thoroughly responsible General Contractor, to be approved by the Commission, a tender to erect the building complete for a specific sum, for which he shall receive four thousand dollars addition to the payment of one thousand dollars for the competition designs, as set forth in Article Seventh, in full payment for said competition designs, drawings and descriptions.

I It is hereby mutually agreed and understood by and between the Commission and the successful competitor that the competition design selected and a copy of the drawings and specifications mentioned in Article Tenth, shall be deposited with the President of the Commission until such time as a contract shall be made with an Architect for the construction of the building.

II Should the State of Connecticut or its agents decide to make a contract with the Architect of the design that may be selected by the Commission, the amount of \$5,000 paid to said Architect in conformity with articles Seventh and Tenth should be considered a payment on account of his commission as architect for the construction of the building. Should it make no contract with the Architect the said amount of \$5,000 will be full payment for all services rendered.

III It is understood that the successful competitor will be recommended by the Commission to the State as the architect of the proposed building under the code of practice and schedule approved by the American Institute of Architects.

DESCRIPTION OF SITE, BUILDING, ETC.

Site

The site of the proposed building is at the corner of Capitol Avenue and Lafayette Street and of the dimensions shown by the accompanying survey. It is to be noted that the present grade of the site is several feet above the street. The competitor is at liberty to take advantage of this elevation if he so desires, or to grade the lot as in his judgment may be deemed best.

THE BUILDING

In General

The building is to be planned to accommodate the State Library, the Supreme Court of Errors of the State of Connecticut, and a Memorial Hall for portraits and other similar works of art. It is desirable that the building should be designed with reference to the Capitol Building, which Capitol Building should be considered as the dominant feature. This remark does not, however, necessarily apply to the style of architecture to be used. The building is to be of fireproof construction throughout. The exterior to be of such material as the competitor deems best and satisfactory for the execution of his design. Inasmuch as the Capitol Building is of marble it is suggested that this would be an appropriate material for the exterior of the proposed building. It is also suggested that the conditions hereinafter specified may possibly be obtained in a two story and basement building. Make due allowance throughout the building for lobbies, corridors, staircases, halls, elevators, etc., in addition to the requirements hereinafter set forth. Proper provisions and allowances to be made for a heating and ventilating apparatus in planning the building. The steam for the heating and ventilating apparatus, and also the electricity required for power, lighting, etc., will be generated in a station outside and entirely removed from the building, therefore no provisions need be made for heating boilers and dynamos. The main steam pipes and electric feeders to be laid on to the inside of the basement under separate contract. It is proposed to connect the building with the Capitol Building by a tunnel as a means of commu-

nication between the buildings, for the convenience of the patrons, and the basement to be planned with reference thereto. This tunnel, however, is not to be included in the estimate of the cost of the building hereinafter mentioned. It is suggested that the Coat of Arms of the State of Connecticut, should occupy a conspicuous place at or near the principal entrance to the building.

Library

APPROXIMATE
AREAS.

SQ. FEET.

- | | | |
|---|--|-------|
| 1 | The main library room, preferably lighted from the north, large enough to serve as a study room for such as wish to consult books for a few moments only, large enough for the general library desk, and at the same time to accommodate a portion of the stacks now in the State Library in the Capitol Building; said stacks to be occupied by reference and law books, which should be accessible to those using the library..... | 4,000 |
| 2 | Librarian's private office immediately adjoining the main library room..... | 460 |
| 3 | Catalogue room with a good light, either on the first or second story, preferably located near the librarian's room..... | 460 |
| 4 | General work and repair room in basement.... | 460 |
| 5 | Receiving room in basement..... | 460 |
| 6 | Packing room from which the public documents of the State may be forwarded to sundry exchanges, to be located in the basement..... | 460 |
| 7 | Store room for Connecticut public documents and other publications of the State, to be located in the basement..... | |
| 8 | Storage room for duplicates, to be located in the basement | |

Note.—It is to be suggested that possibly rooms called for in items 7 and 8 might be placed under the Supreme Court Room.

- | | | |
|----|--|-------|
| 9 | Coat room and lavatories for say ten employees may be placed in the basement..... | |
| 10 | Toilet room and lavatory for patrons of the library, preferably on the first story floor.... | |
| 11 | Room for vital statistics together with a vault in connection therewith, either in the first or second story | 400 |
| 12 | Newspaper stack room in second story..... | 2,000 |
| 13 | Map and chart room in second story..... | 460 |
| 14 | Study rooms conveniently located..... | |

These may be secured either by having independent small partitions or by partitioning off a large room by thin partitions as in modern offices; the object is to give a worker who is to be using the library for some little time a place which he may call his own while using the library and keep his papers and retain the books in use, at the same time being away from the sight and noise of the general public.

- 15
- Provide at least six fireproof vaults, arranged as may be most convenient. There should be one vault in connection with the librarian's room. These vaults to be equipped with steel furniture as may be required for each particular case
- 16
- Provide a stack room fitted up with approved steel stacks and standard glass floors. There must be at least 20,000 lineal feet of book-shelving in this stack room. In estimating the book-shelving allow not less than 10 inches for the width, and not less than 12 inches from center to center of shelves in height.

9,160

Supreme Court of Errors

APPROXIMATE
AREAS.
SQ. FEET.

- 1
- Court room of from 1,800 to.....2,000
The Court room should be lighted either from one side or from the ceiling so as to avoid the direct light shining into the eyes of the judges or lawyers
- 2
- Judges' retiring or consultation room back of the bench, about..... 700
- 3
- Toilet room convenient to said consultation room for the use of the bench.....
- 4
- Dressing room with accommodations for gowns, etc., adjoining and connected with the consultation room
- 5
- Lawyers' room at the end of the court room opposite the bench or on one side; the idea being to have the lawyers enter the court room near the back or on the side of the room and not near the bench..... 600
- 6
- Toilet room in connection with or convenient to the lawyers' room.....
- 7
- Court reporter's room adjoining and connected with the judges' consultation room..... 400
- 8
- Room or closet for the storage of documents in connection with the court reporter's room.
- 9
- Room for reporter's stenographer connected with the court reporter's room..... 250
- 10
- Court Clerk's room, about..... 400
- 11
- A room for messengers, about 400
- 12
- A room for sheriff, about..... 400
- 13
- Seven private working rooms for the judges, one for each judge, each about 300
- 14
- Each private working room to have in connection therewith an ante room of about..... 125
for stenographer.
- 15
- A Toilet room convenient to the judges' working rooms for the use of the judges.....
- 16
- Arrange for additional toilet rooms as may be deemed best
- 17
- Private entrance for judges.....

- 18
- Arrange for at least one elevator in the court section, located so that it may be reached by the judges from their private entrance and within easy reach of the judges' private working rooms above mentioned.....

5,575

Memorial Hall

Arrange for a memorial hall for portraits, etc., on the main floor occupying a prominent place near the principal entrance of the building so as to be easily accessible for visitors. This hall to contain the portraits of the governors which are now hung in the present State Library, and also portraits of distinguished men of the State. A place to be provided in this hall for the Stuart portrait of Washington now hung in the Senate Chamber. Said canvas is about 5 ft. wide by 8 ft. high, in a frame about 9 inches wide, crowned by a Coat of Arms, of the State of Connecticut, 3 feet additional height, making a total height of about 12½ feet by a total width of about 6½ feet. There should be at least 3,000 superficial feet of hanging space in this gallery.

Cost

The cost of the building including plumbing and gas-fitting, electric wiring and conduit, heating and ventilating apparatus, elevators and approaches, but exclusive of mural decorations and furnishings, must not exceed one million dollars. An estimate of the cost of the work as set forth must be enclosed with the description of the building hereinafter mentioned and must be in the following form:

Cubic contents of building to outside dimensions—feet.
Exterior surface (gross) of all stone work—sq. ft.

Estimated cost of building for all work necessary to complete the building including plumbing and gas-fitting, electric wiring and conduit, heating and ventilating apparatus, elevators, and approaches, but exclusive of mural decorations and furnishings, \$—

DRAWINGS, ESTIMATES, ETC.

Each design submitted shall consist of the following drawings only (no alternate design will be considered), as follows, namely:

- A
- Plan of each floor including basement, scale 1/8 in. to one foot;
- B
- Elevation of Capitol Avenue front, scale 1/8 in. to one foot. Said elevation to be rendered in India ink wash with shadows accurately cast, with the light falling at an angle of 45 degrees from the left side of the drawing;
- C
- Sketch elevation of rear and one sketch elevation of south side, and one of either the east or west side or end, scale 1/8 in. to one foot;
- D
- Block section through building, showing height of stories and the proportions of the most important rooms, scale 1/8 in. to one foot;
- E
- No perspective sketch will be received.
- F
- Two drawings may be placed on a sheet if desired.

AMERICAN COMPETITIONS

7 All drawings must be on Whatman paper, unmounted.
Sheets to be, scale 31 in. x 53 in.

7 One figure only may be shown on the rendered elevation to give scale.

Drawings to be titled "Connecticut State Library and Supreme Court Building," with only such other words or figures as may be necessary to designate their parts, etc. All words or figures to be simple lettering, and no script or writing.

Inquiries for additional information must be made in writing only, and forwarded by mail to L. W. Robinson, Secretary, 865 Chapel Street, New Haven, Connecticut, and any answer or additional information given will be simultaneously communicated by mail to each competitor by circular letter, but no such information will be given after July 1st, 1906.

A brief description of the building, typewritten on plain legal cap, must accompany the drawings.

SCHEDULE OF REQUIREMENTS
FOR
PROPOSED NEW BUILDING
FOR THE
YOUNG MEN'S CHRISTIAN ASSOCIATION
PHILADELPHIA, PA.

The site purchased for the new building is located on Arch Street, near Fifteenth, and comprises the four properties numbered 1417, 1419, 1421 and 1423, extending through to the new line of Appletree Street, a rectangle measuring 98 feet and 4 inches frontage, by 167 feet 10½ inches depth. In addition there is at the N. W. corner a connecting plot fronting 53 feet, 11¼ inches on Burns Street. 33 feet, 11¼ inches deep westwards therefrom and 114 feet, 1¾ inches long from north to south. So that it abuts against and overlaps the larger plot at its N. W. corner by 60 feet, 2½ inches. The total area of the entire property is about 20,530 square feet. This property is substantially level. There is a sewer on Arch Street 9½ feet below the curb level, 27 feet from the curb; the dip is westwards. A diagram of the site is annexed to these papers (will be sent shortly).

The new building is required for the general purposes of a central building for the Young Men's Christian Association of Philadelphia, including the general administration offices of the Board. These purposes comprise (a) the religious and social work, administrative offices, reception rooms, meeting rooms, and banquet and club-rooms; (b) the educational, including class rooms, workshops, Director's office, library and reading room; (c) the physical, including gymnasium for men and boys, bathing establishment, hand-ball courts, etc.; (d) the boys' department with class rooms, gymnasium, etc.; (e) lodging room and a completely equipped restaurant. The specific requirements are enumerated in detail below.

In planning for the accommodation of the numerous parts of the complex establishment, there is abundant scope for variety and for the exercise of the designer's discretion, and the Committee desires to place as little restriction as possible upon this freedom. But there are certain requirements which they consider imperative, and to which the competitors will be absolutely held. There are others which seem to the Committee desirable but not absolutely essential, and these the architect may sacrifice for the sake of a greater compensating advantage somewhere else. The competitors are asked to distinguish carefully between the essential and the non-essential in this schedule. The effort has been made throughout to render this distinction clear.

The first absolute essential of the problem is that the reception room with its attendant offices, social room, etc., shall be on the street floor and reached by not over eight or twelve steps from the sidewalk, directly from Arch Street. They

should all be under complete supervision from the Secretary's (or Assistant Secretary's) public office.

This essential being observed, the scheme of the building will be largely controlled by the disposition adopted for the Physical Department. The Committee, after due consideration, have decided against a gymnasium on the upper floor (such as may be seen in New York in the West Side and Twenty-third Street branches). The lockers for the men and, if necessary, for the boys also, the swimming pool and the entire equipment of baths, etc., for men, must be placed in the basement, with the men's gymnasium and the boys' gymnasium (connected with each other), directly above them, or as nearly so as may be, on the main or first floor, and not less than 24 feet high in the clear, with the most important dependencies (in one or two stories), opening off from them. The bowling alleys may be either in the basement or on the floor above the gymnasium; this floor may, if desired, be treated as a mezzanine, and the barber shop and general toilet room may be placed there. The hand-ball courts, which must be not less than 18 feet high, may be placed anywhere where they will be directly accessible from the gymnasium. A part of this story above the gymnasium may be devoted to the more important rooms of the Boys' Department, so as to permit of direct access from the Boys' Reception Room by a flight of stairs to the Boys' Gymnasium and to the Boys' Locker Room, which may be either, (a) on the same floor with the Gymnasium, (b) on the same floor with the Boys' Reception Room; or (c) on the floor above this, the last being the least desirable of the three locations.

The first two floors of the remainder of the building will be devoted to the Reception Room, Social Room, Secretary's Public and Private Offices, and Grill Room or Spa on the ground floor; the Banquet Room, Library and Bible Class Rooms and such other uses as may be convenient. These two stories should be from fourteen to eighteen feet high in the clear, so arranged that the third floor shall extend on the same level throughout the whole building, either on a level with the floor directly over the Gymnasium, or with the floor above that

The third story and possibly a small part of the fourth will be devoted to the Educational Department and the balance of the Boys' Department; the rest of the fourth and the fifth floor to lodging rooms; the dining rooms and stewards' department will form a part of the sixth story, the balance being devoted to lodging rooms. If these arrangements are impracticable

le, it will be permissible to have the building seven stories
l. A roof garden will cover the entire structure.

A special entrance, hallway and stairs from Arch Street
t be provided for the joint use of the Boys' Department,
mitories, Lecture Rooms and Employment Offices.

The total area of the property being about 20,530 feet,
area available for the scheduled accomodations, after de-
ing a suitable allowance for courts, areas, walls, corri-
s, stairs, elevators, etc., may be estimated at not far from
00 to 15,000 square feet on each floor. The Committee
nates the aggregate floor area, exclusive of lodging rooms
basement, called for in the schedule, as amounting to
ween 48,000 to 60,000 square feet, which would require
ween three and four entire floors between the basement and
ging rooms. It is hoped that the leeway allowed to com-
tors may permit of placing the dining rooms and stew-
s' department on the sixth floor, and that in any case not
e than seven stories will be required above the basement.
t should be necessary to place the Stewards' Department
Dining Rooms on the seventh floor, the remainder of this
r may be filled with lodging rooms, whose cost will not be
uded in the \$450,000 specified below. A roof garden
uld cover the whole structure.

The structure must be of fire-proof construction through-
l, with simple and durable finish. The material and style
the exterior are left to the designer's discretion. It is
ired that internally the Reception Hall should be made es-
ially attractive, and be given as far as possible the aspect
of a hotel office or rotunda, but of an inviting and home-
e social resort.

The total sum now available for the building, including
ating and ventilating and lighting fixtures, but excluding
nnasium apparatus, library-stacks and private electric plant,
\$450,000. This is intended to cover the cost of the building
h only *one* complete floor of lodging rooms, and a larger
n will be provided should two or more floors of these be
lt. The design should, however, represent a building with
o complete floors of lodgings, and the allowance of cost be
reased proportionately. Each competitor should divide the
0,000 by the price per cubic foot at which he estimates the
t of buildings of this sort, and keep the volume of his
ign, exclusive of all lodgings except one complete floor,
idly within the limits of the cubical contents thus ascertained.
r this purpose, competitors not resident in Philadelphia,
uld inform themselves regarding the present and prospec-
e cost of the building in that city.

Designs of excessive volume will stand no chance of the
ard of the first place, no matter what data the authors may
nish in their descriptive memoirs, designed to show that the
lding could be erected for an unusually low cost per cubic
ot. The Committee will not incur the risk of being driven
o heavy unforeseen expenditure by accepting a design of
cessive volume figured at a low cost per cubic foot. In other
rds, economy of volume will be a very important element
etermining the relative practical excellence of the various
igns submitted. Any design which appears to be so costly
erect, that it cannot be brought within the above specified
it of \$450,000 *plus* a fair allowance for the second story
lodgings, without fundamental alterations which would de-
oy its superiority to the other designs, will quite forfeit any

title to the first place which its architectural character alone,
apart from its cost, would seem to confer upon it.

With regard to the style of the building, in judging the
designs, insistence will be upon fundamental qualities, dignity,
appropriateness, good proportions, correct scale, refined details
—rather than upon style-names or minutæ of design. As far
as can reasonably be determined the exterior should be expres-
sive of the purpose and function of the building, or at least in
no respect inconsistent with them.

In the following detailed Schedule of Requirements, the
dimensions and areas given opposite the names of many of
the rooms enumerated, are intended as suggestive and not abso-
lutely controlling. The purpose of the room can probably in
many cases be equally well, or nearly as well served by a
slightly smaller room; or the architect may conceive the desir-
ability of a somewhat larger room for the same purpose. In
general, the architect is advised to approximate these areas in
the great majority of cases, but he will not suffer because of
occasional departures from these dimensions, when such de-
parture secures counterbalancing advantages. Where no fig-
ures are given, the dimensions are left wholly to his discretion.

SCHEDULE OF REQUIREMENTS IN DETAIL

Basement and Sub-basement.

Mechanical Plant—mostly in sub-basement; comprising:

Boilers and heating plant.

Engine and dynamos.

Pumps and elevator machinery.

Space for filter and for storage battery.

Coal storage, 40 or 50 tons (may be under sidewalk).

General storage room 300-450 sq. ft.

Janitor's workshop 200-300 sq. ft.

Small toilet room for men employees.

Bicycle storage room 300-350 sq. ft.

Bathing establishment—comprising:

Swimming pool, 25 x 75 feet.

25-30 showers and needle baths (8-12 of these showers in
a room by themselves).

Turkish or steam bath, 1,100-1,300 sq. ft., comprising:

Small hot room.

Rubbing room.

Rest room, three or four couches.

Drying room.

Sterilizing room.

Office and supply room, near elevator or stairs.

Special toilet room for bathers.

Locker room for men; to contain 2,000 standard lockers
in two tiers; of these, 100 to 200 to be grouped in
from 6 to 10 private locker rooms, each with small
dressing room attached.

Four bowling alleys, unless on an upper floor.

Stairs, including a special gymnasium flight to locker room.

Elevators, dumb waiters, utility closets, etc.

First or Ground Floor.

Reception Hall 1,750-2,500 sq. ft.

Assistant Secretary's Office, open and with counter front
for direct contact with public; to control as much of
this whole floor as possible (350-450 sq. ft.).

Secretary's Office (300-400 sq. ft.), directly accessible from Reception Hall or corridor, and connected with Assistant Secretary's Office. Provide coat closet with washstand.

Treasurer's Office, with space for bookkeepers, and vault, 200-350 sq. ft.

Social or Game Room, opening widely into Reception Hall; large enough for 3 or 4 billiard or pool tables, 1000 to 1500 sq. ft.

Coat Room, 300-400 sq. ft.

Grill Room or Spa for quick lunch, with grill and a few tables (or it may be put in front of basement if well lighted; about 500 sq. ft.).

Special Entrance and Corridor for Boys' Department and Employment Bureau, to be used also by lodgers when rest of building is closed at night. Stairs should lead directly up to Boys' Reception Room.

Men's and Boys' Physical Department.

Note.—If the gymnasium be made 24 feet high in the clear, with a mezzanine or story above it from 10 to 12 feet high in the clear; then, if the remainder of ground story be 18 feet high and the second story 16 to 18 feet high in the clear, the third floor will be continuous on one level throughout, and the second floor will have a 6-foot break or vise at the line of the gymnasium wall. This will be a perfectly permissible arrangement. So also any variation of it—as (*e. g.*) gymnasium 25 feet high, mezzanine above it 9 feet high, remainder of first story 19 feet high, second story 16 feet high (all in the clear), and third floor continuous over whole building. Or, on the other hand, the gymnasium may be made 30 feet high in the clear, and the first and second stories elsewhere 30 feet high together, giving a continuous level at the third floor, which would be only the second floor over the gymnasium, the second floor of the remainder stopping at the gymnasium wall. This explanation is made so that competitors may not consider themselves absolutely bound by the nomenclature of the floors in this schedule, which for the purposes of convenience, supposes the *first* of these various arrangements to be adopted, but does not impose this. The floor above the Gymnasium will be called for convenience the Mezzanine.

Men's Gymnasium, approximately 6,000 sq. ft., not less than 24 feet high in the clear, with running track and visitors' gallery opening into it and controlling it.

Physical Director's Office, with small dressing closet; 250-375 sq. ft.

Assistant Director's Office, connecting with it or immediately above it; may be smaller.

Social Room, 400-500 sq. ft.

Stores and Repairs, 200-350 sq. ft. (or may be on Mezzanine floor).

Sparring, fencing and special exercises, 600-1,000 sq. ft. (or may go on to Mezzanine floor).

(The last named five rooms may be arranged in two stories, the upper one opening off the running track level, with convenient special stairs.)

Boys' Gymnasium, 2,000-2,200 sq. ft., not under 24 feet high, to open broadly into Men's Gymnasium, so that the entire floor of both can be used as one on occasion.

Two Hand-ball Courts, 1,000-1,100 sq. ft., 18 feet high (as nearly as possible 24 x 42 feet, though slightly smaller dimensions are admissible).

Second Floor.

Library and Reading Room 1,800-2,500 sq. ft.

Banquet and Lecture Room..... 3,200-3,600 sq. ft.

This room is to be provided, if possible, with a gallery for visitors. The area allowed including a Serving Room, which should have dumb-waiter connection with Steward's Department above.

Four Bible Class Rooms 1,200-1,600 sq. ft.

These rooms in one or two suites.

The following may be either on second or on mezzanine:

Employment Bureau, 500-600 sq. ft. (large waiting room; smaller office). To be made accessible from side entrance.

Committee Room 500-600 sq. ft.

Three Board Offices; a large, medium and small office, the largest of 400 sq. ft.

The Board and Committee Rooms may, indeed, go onto any floor of the building. The Board Rooms should look out upon Arch Street.

On Mezzanine Floor, or on Floor above.

Boys' Locker Room, 600 lockers in 2 tiers.

Boys' Showers, 10-15 showers, adjoining the lockers with an open drying space or room. (If not practicable otherwise, Locker Room and Showers may be put into Basement.)

Boys' Toilet Room.

Boys' Reception Room, 600-900 sq. ft. (The boys' stairs from Arch Street must lead quite directly to the entrance to this room.)

Boys' Secretary's Office, opening onto Reception Room 180-225 sq. ft.

Boys' Library and Reading Room 400-600 sq. ft.

Boys' Game Room 450-600 sq. ft.

Boys' Coat Room, 250-300 sq. ft., close to, or connecting with, Reception Room.

Boys' Office and Supply Room.

The last six rooms must be together on one floor, controlled by the Secretary's Office; if on a different floor from Locker and Shower Room, there must be special stairs to these, under Secretary's control.

It is on many accounts desirable, though not absolutely imperative, to group the Boys' Department rooms *wholly* or in great part in the extension or strip of land on the west of the main property. This will isolate the boys' work from the men's work in the building, which is the object aimed at by the Committee.

AMERICAN COMPETITIONS

On Mezzanine Floor.

- General public toilet room.
- Barber Shop, 3 chairs; also 4 tub-bathrooms connecting with it.
- Storage and Repair Room (if not on gymnasium, or running track floor, as already mentioned).
- Four Bowling Alleys (if not in basement).
- Two Workshops for Educational Department—for wood-work and iron work (if not provided for elsewhere); each about 500 sq. ft.

Third Floor (or partly on floor above if necessary).

- Educational Department.
- Commercial Studies (grouped together, but not necessarily connecting).
 - One Lecture Room 1,200 sq. ft.
 - Four Class Rooms, each 500-600 sq. ft.
 - Three Class Rooms, each 300-600 sq. ft.
- Civil Service School, grouped together.
 - Three Class Rooms, each 300-600 sq. ft.
- College Preparation.
 - One Class Room 375 sq. ft.
 - Two Class Rooms, each 600-750 sq. ft.
 - Three Class Rooms, each 250-400 sq. ft.
- Technical Studies.
 - One Drawing Room; skylight if possible; 650-750 sq. ft. (or may be on top floor).
 - Three Drawing Rooms, 900-1,000 sq. ft. each.
 - Two Shops, 500 sq. ft. each (or on mezzanine floor already mentioned).
- One General Class Room 600-750 sq. ft.
- Director's Offices—public and private; 2 rooms, with supply room 400-600 sq. ft.
- Boys' Department, not already provided for:
 - Camera Club, with dark room 250-350 sq. ft.
 - Three Class Rooms, each 300-450 sq. ft.
 - Lecture Room, 700-800 sq. ft. (or on one of floors below).

Upper Floors in General.

- Dining Room to seat 150.
- Small Dining Room to seat 50.
- Steward's Department:
 - Kitchen and dependencies, ample to cook for 200-250 persons.
 - Servants' Dining Room, 225-300 sq. ft.
 - Cold Storage, pantries, china-closet, serving room, store rooms, etc.
 - Dumb-waiter connection both with Banquet Room, Grill Room and with Basement.
 - Servants' Toilet Room (for women servants).

Lodging Rooms:

(Only one of these included under the \$450,000 limit).

Two complete floors or their equivalent of lodging rooms averaging from 150 to 180 sq. ft. each, with a few larger rooms on each floor capable of being rented with the smaller rooms on either side in suites of two or three rooms. There is to be no plumbing in any of these rooms; but each should have an ample closet. There should be two sufficient toilet rooms on each floor, also a bath room with four to eight showers and plenty of hand-basins. No room should depend upon an enclosed court or shaft for light and air, unless connected with a room having an outlook upon the street or upon "all out-doors." Provide on one floor one or two sunny rooms with connecting tub-bathroom, to serve as an infirmary.

The lodgers' floors must be accessible from Arch Street by the Boys' Entrance and stairs when the rest of the building is closed; also, of course, by the main stairs and elevators.

A lodging or suite of 4 to 5 rooms for janitor and wife must be provided; also one or two ample trunk rooms; also a linen-closet on each lodging floor and slop sinks and broom closets.

Roof Garden.

A part or the whole of the roof should be arranged for a roof garden, either by permanent architectural features, or by means of light or movable iron or wooden construction, trellises and awnings.

The cost limit should include the equipment for heating and ventilation. Mechanical ventilation should be provided for the Reception Hall, Gymnasium, Lockers, Baths, Kitchen, Dining Rooms, Banquet Hall, and the larger Class and Club Rooms. The descriptive memoir should describe in a general way the system of heating and ventilation contemplated, with an estimate as to the cost of the entire equipment therefor.

Stairways, public and for service, elevators, closets, slop sinks and other necessities and conveniences of the building, must be provided at the designer's discretion. Provide space for two or three elevators; if three, one to serve the rear portion of the building, the other two the front.

(Signed) JOHN W. PEPPER,

Chairman.

ARTHUR E. NEWBOLD,
WILLIAM M. LONGSTRETH,
WILLIAM R. NICHOLSON,
JOSEPH M. STEELE,

Committee.

March 28, 1906.

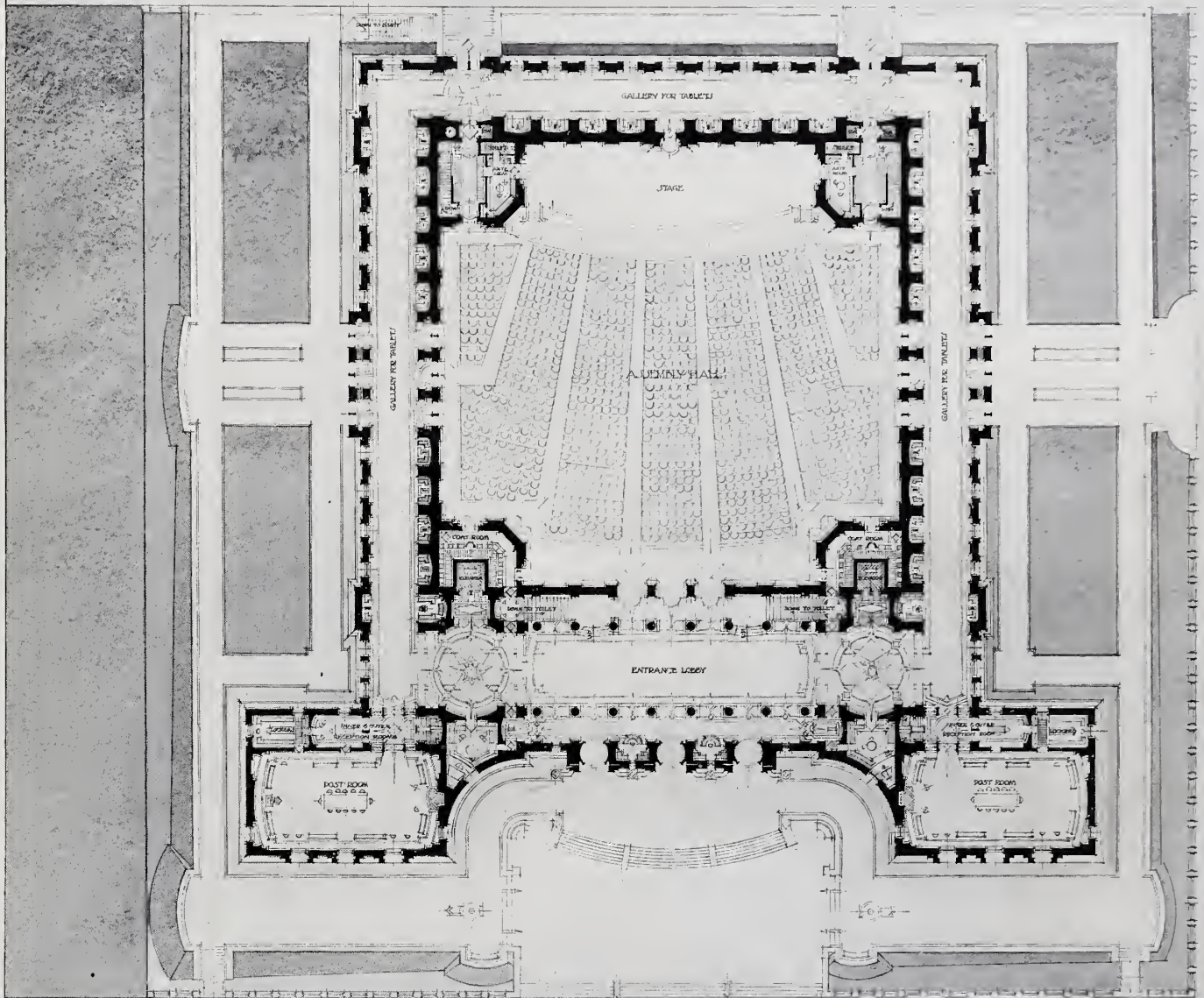
Revised April 18 and May 17, 1906.

A. D. F. HAMLIN,

Professional Advisor.

ALLEGHENY COVNTY SOLDIERS' MEMORIAL

NATALIE AVE



BOULEVARD ST

BOULEVARD

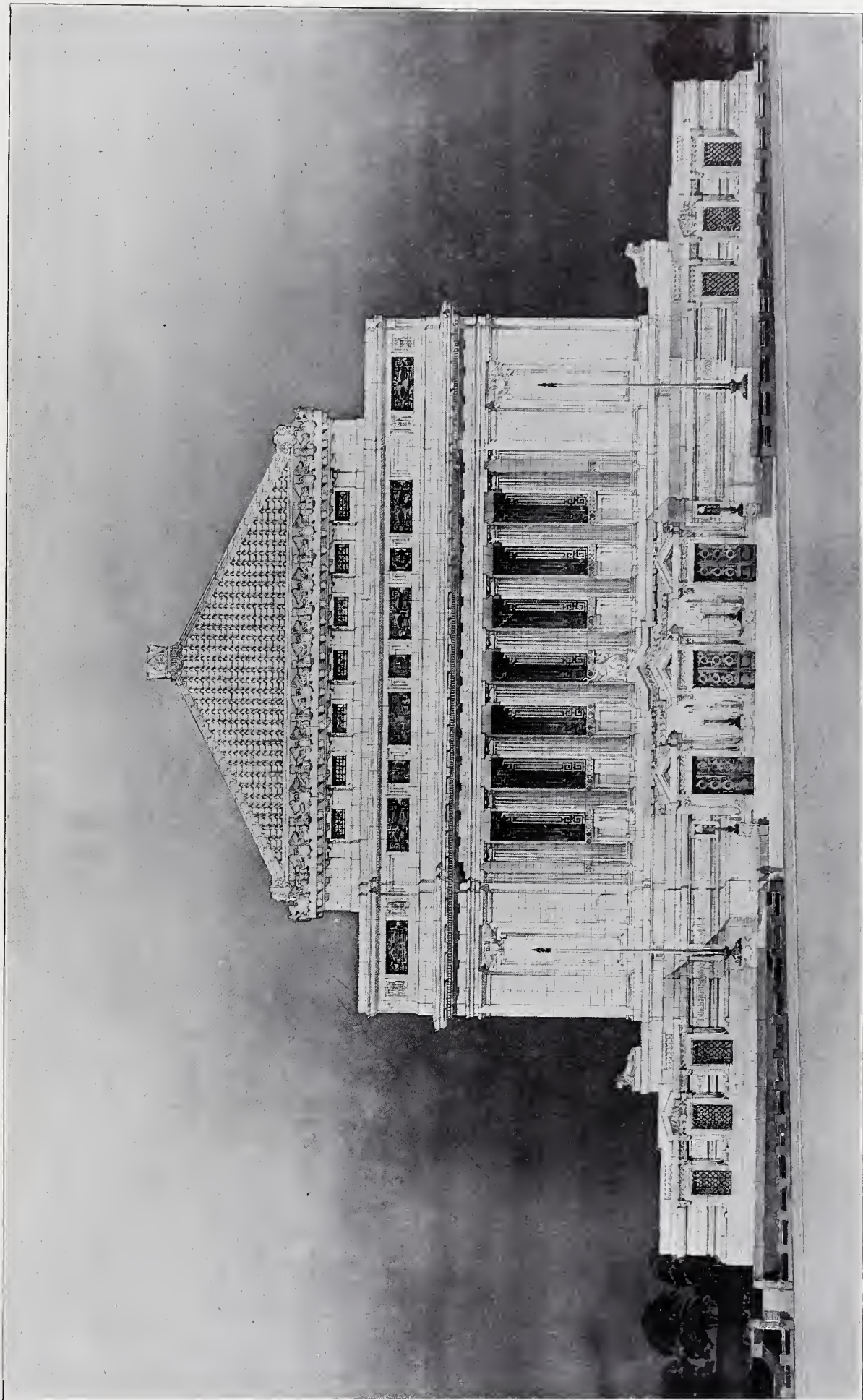
GROUND FLOOR PLAN

GROUND FLOOR PLAN

SOLDIERS' MEMORIAL, ALLEGHENY CO., PENNA.

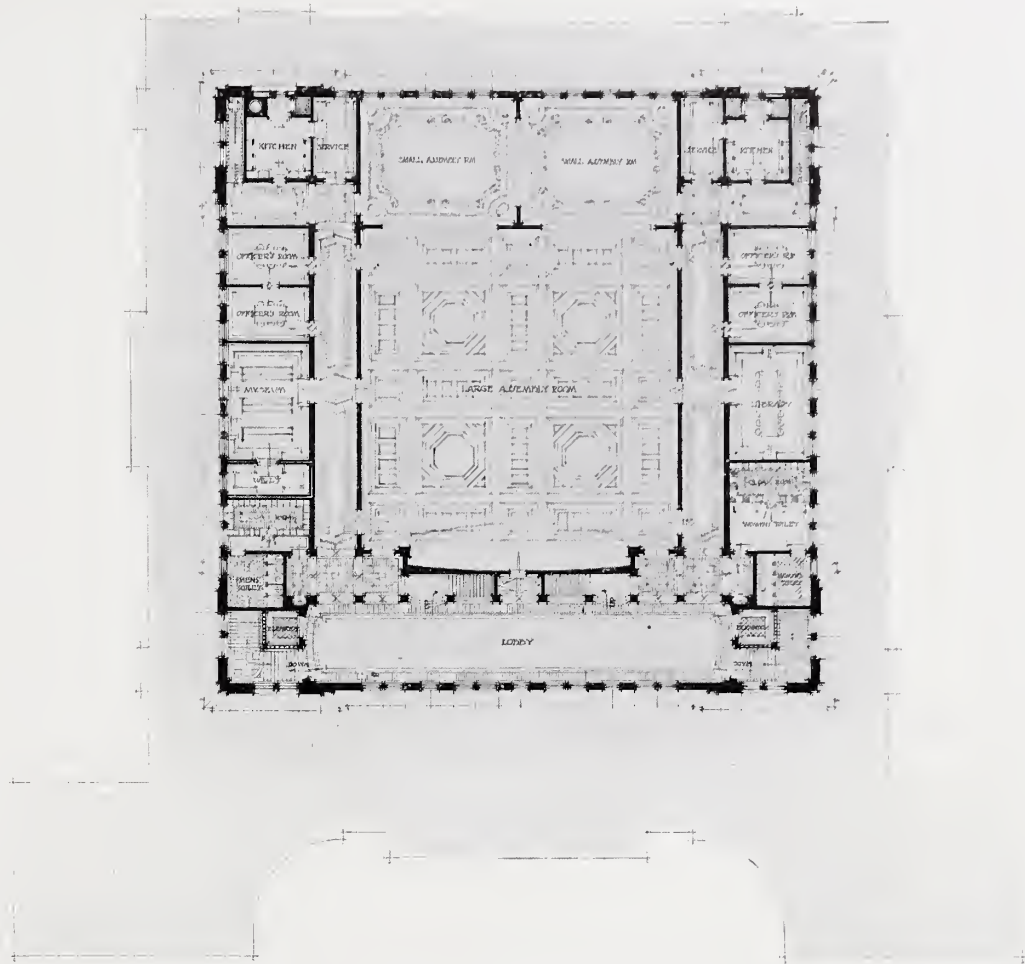
FIRST PRIZE—PALMER & HORNBOSTEL, ARCHITECTS



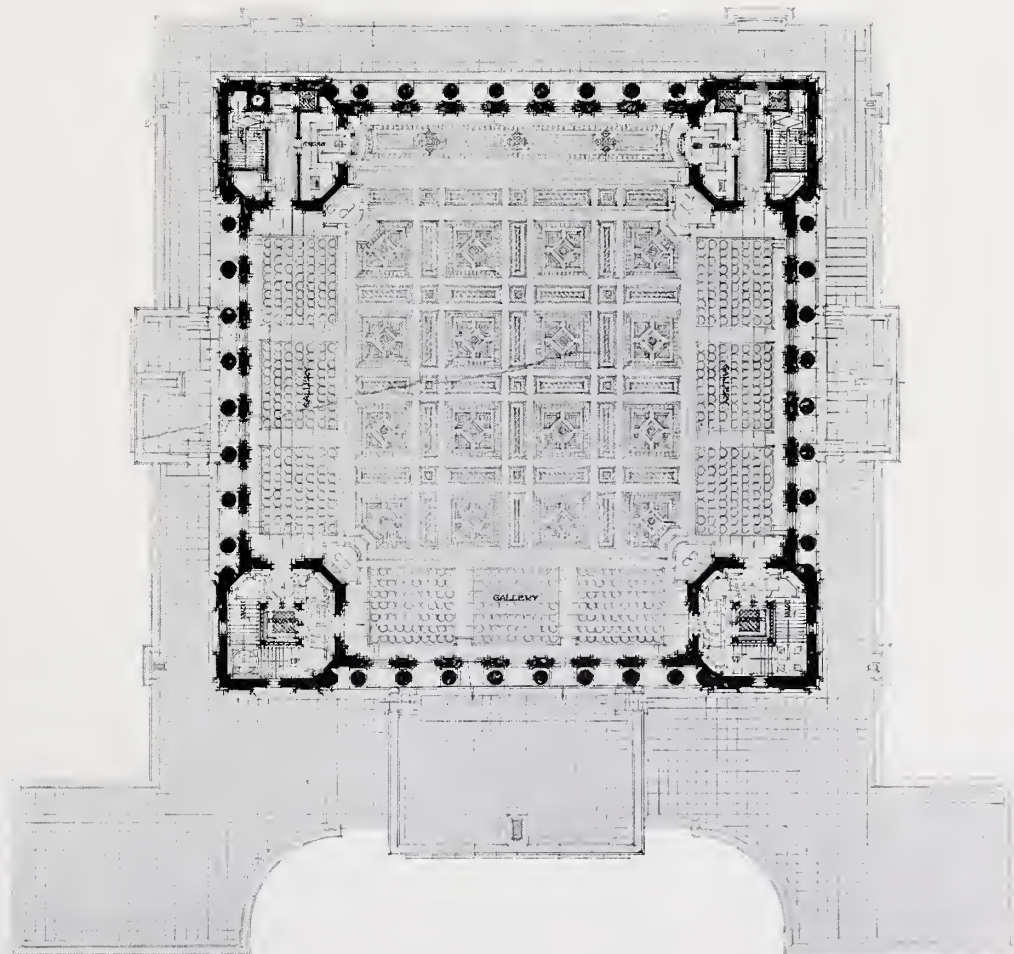


GRANT BOULEVARD ELEVATION

SOLDIERS' MEMORIAL, ALLEGHENY CO., PENNA.
FIRST PRIZE—PALMER & HORNPOSTEL, ARCHITECTS



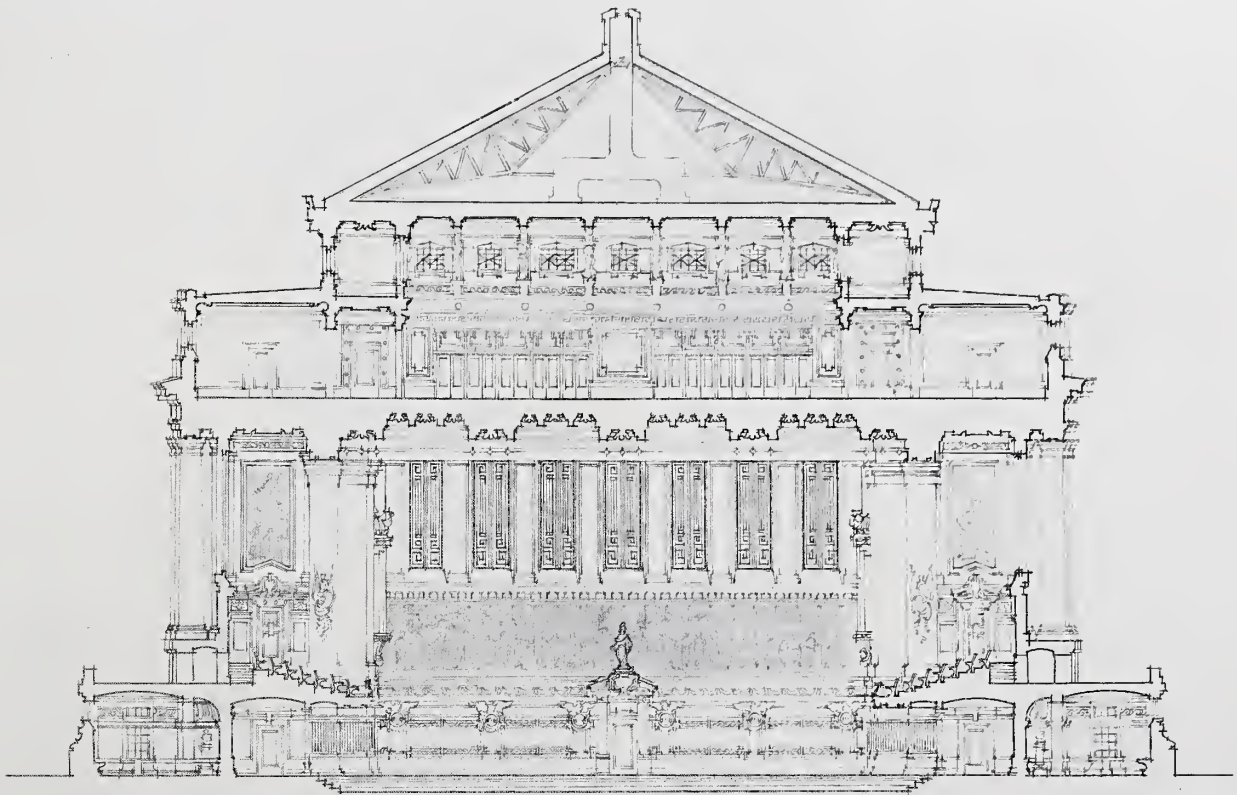
SECOND FLOOR PLAN



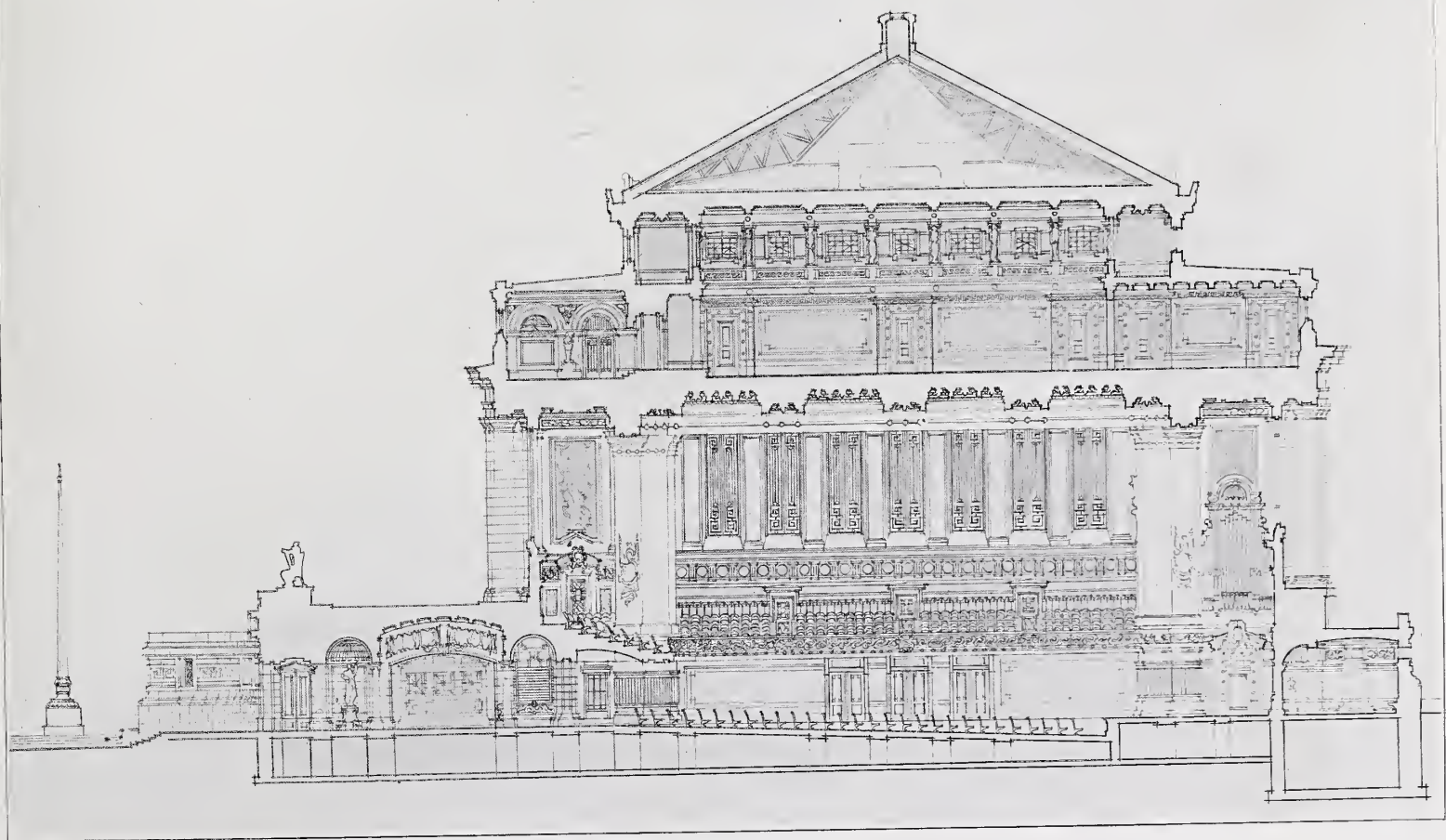
GALLERY PLAN

SOLDIERS' MEMORIAL, ALLEGHENY CO., PENNA.

FIRST PRIZE—PALMER & HORNBOSTEL, ARCHITECTS

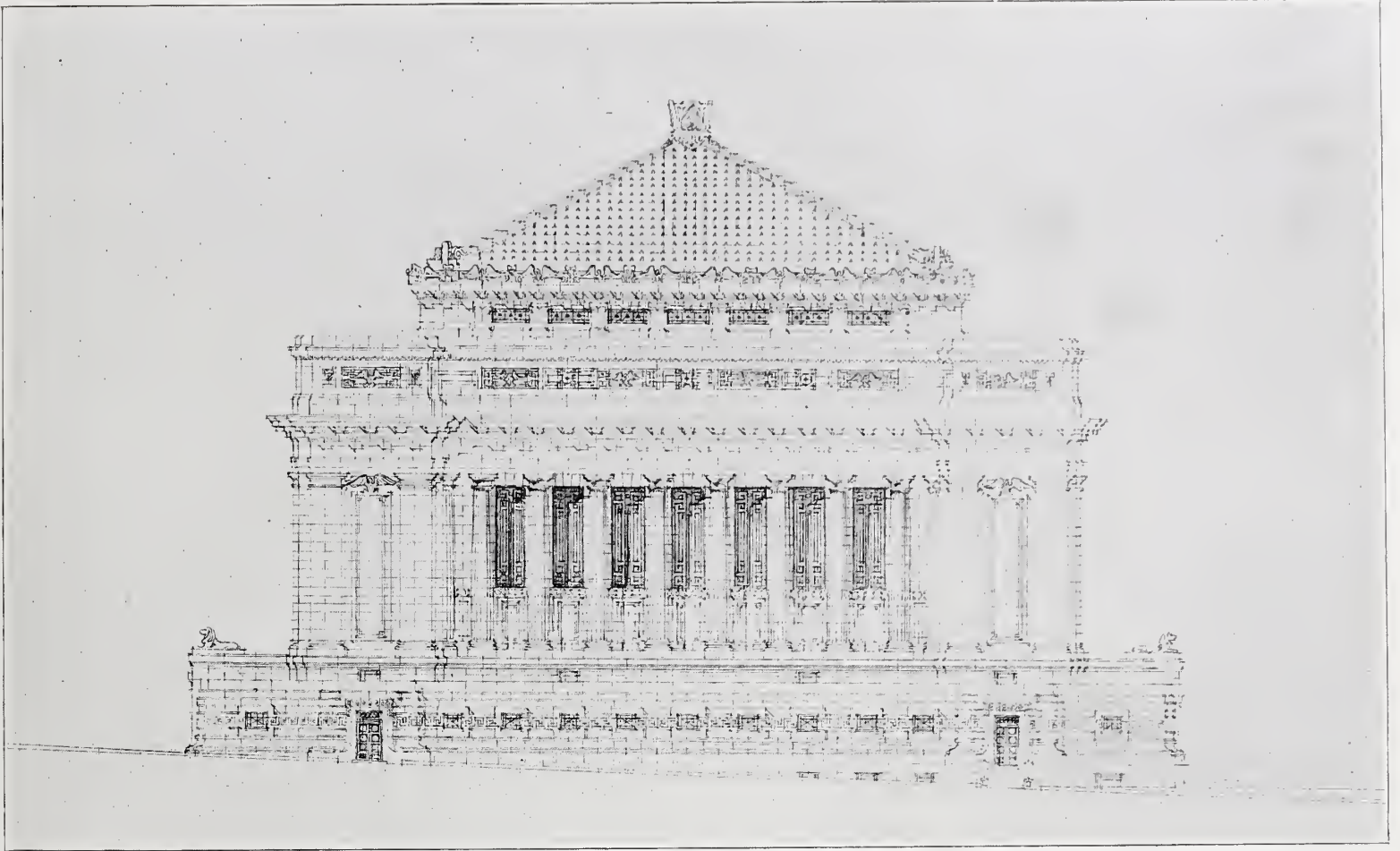


TRANSVERSE SECTION

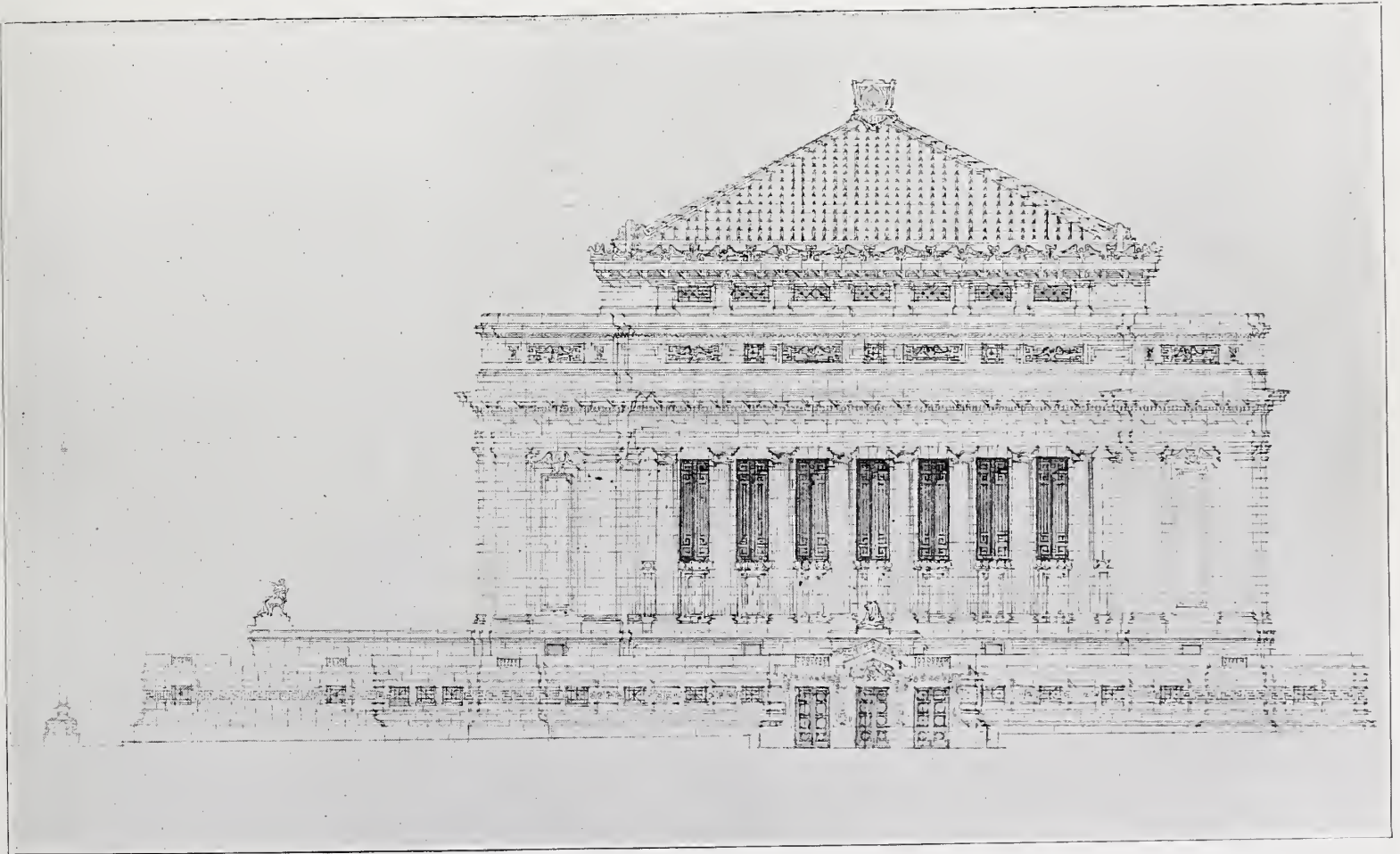


LONGITUDINAL SECTION

SOLDIERS' MEMORIAL, ALLEGHENY CO., PENNA.
 FIRST PRIZE—PALMER & HORNBOSTEL, ARCHITECTS



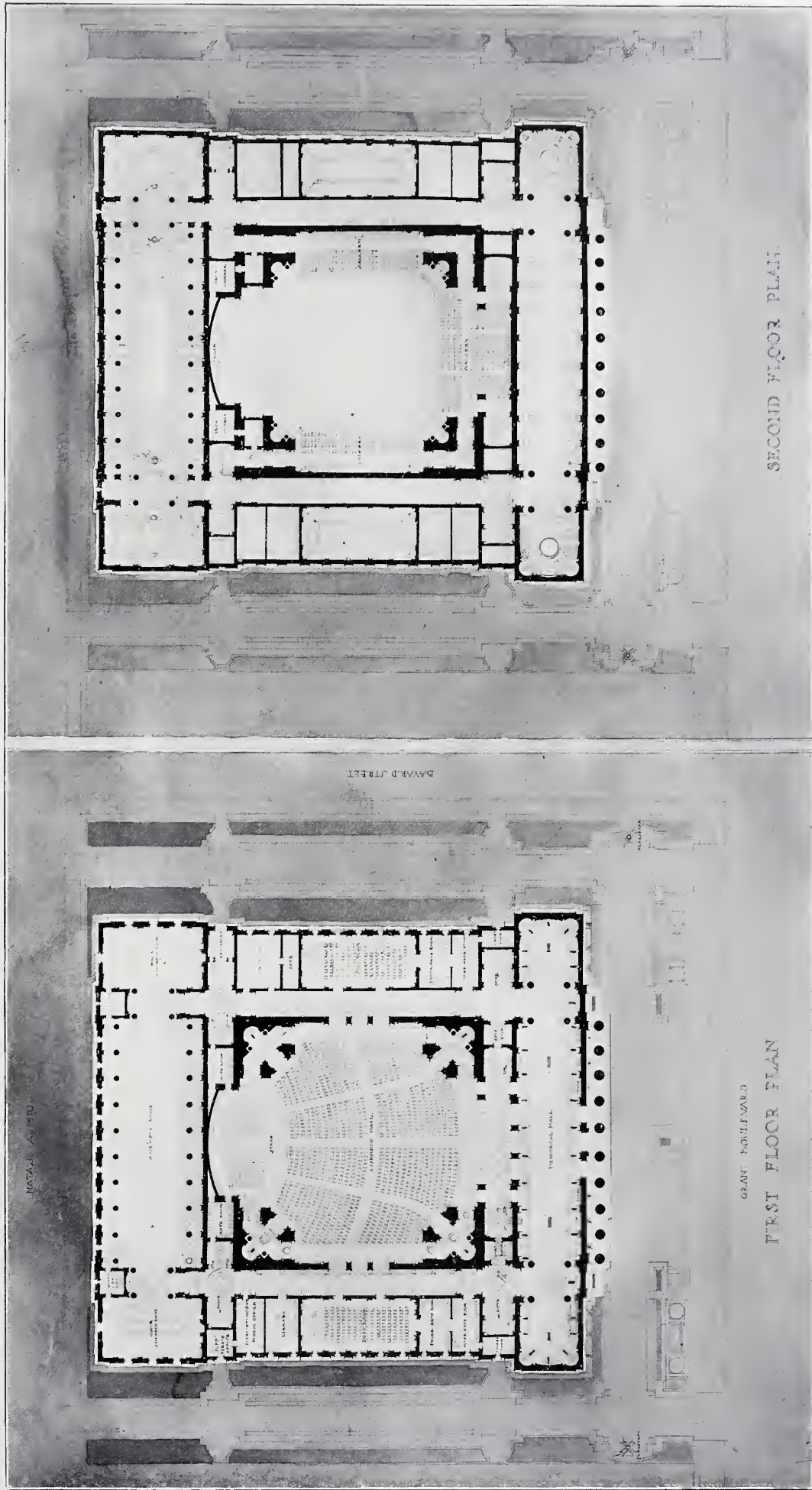
NATALIE AVENUE ELEVATION



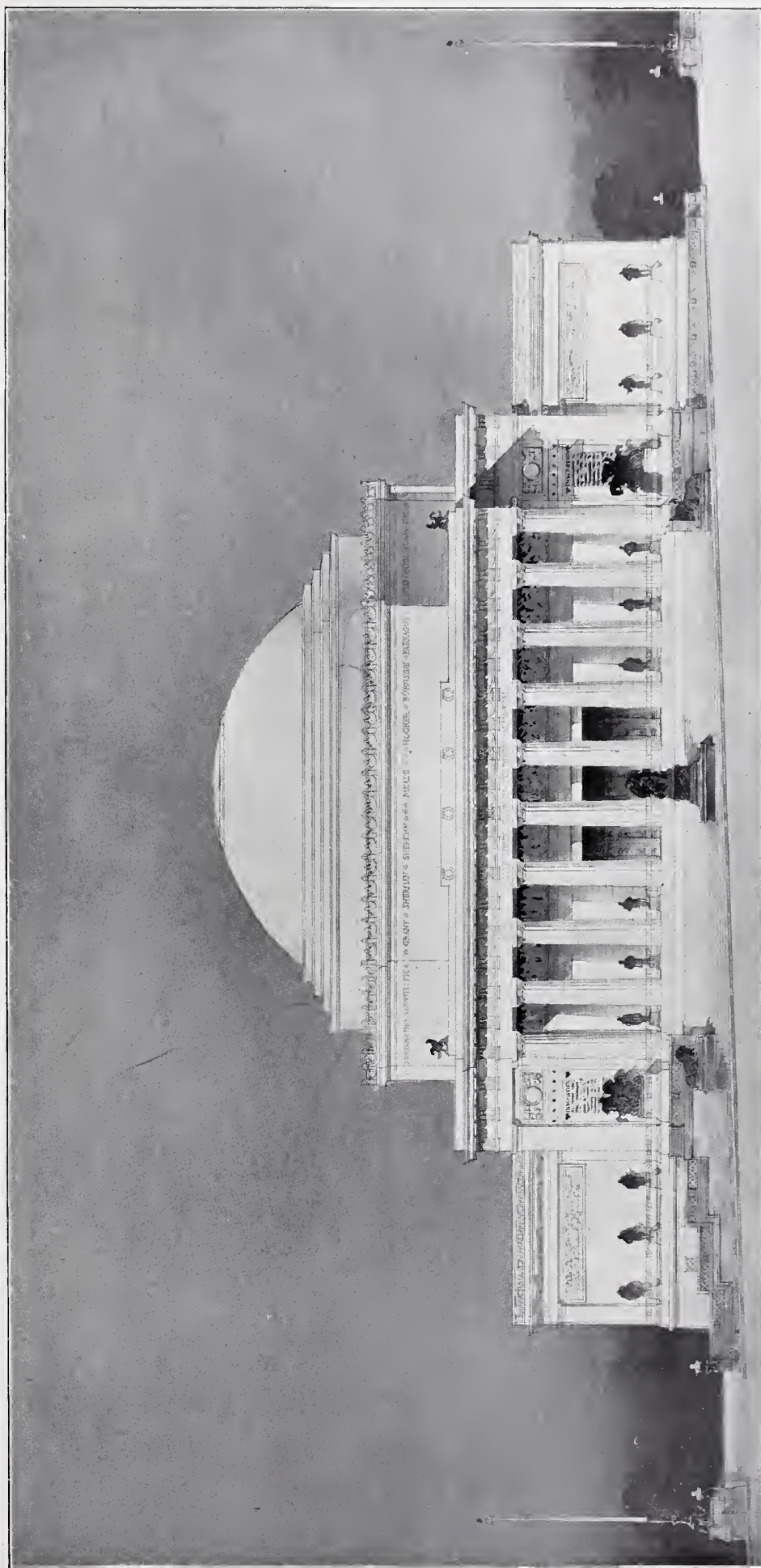
BAYARD STREET ELEVATION

SOLDIERS' MEMORIAL, ALLEGHENY CO., PENNA.

FIRST PRIZE—PALMER & HORNPOSTEL, ARCHITECTS

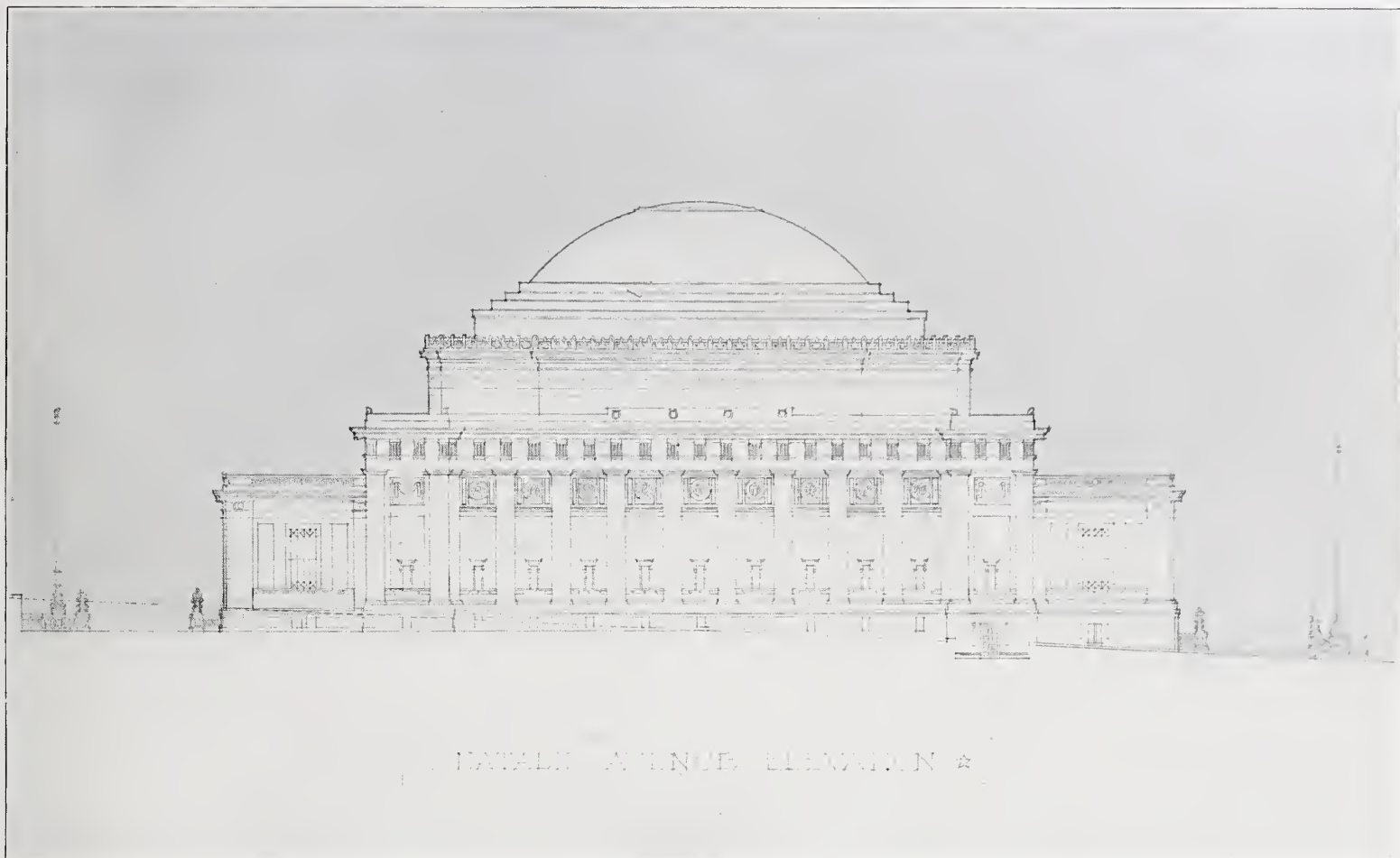


SOLDIERS' MEMORIAL, ALLEGHENY CO., PENNA.
CASS GILBERT, ARCHITECT

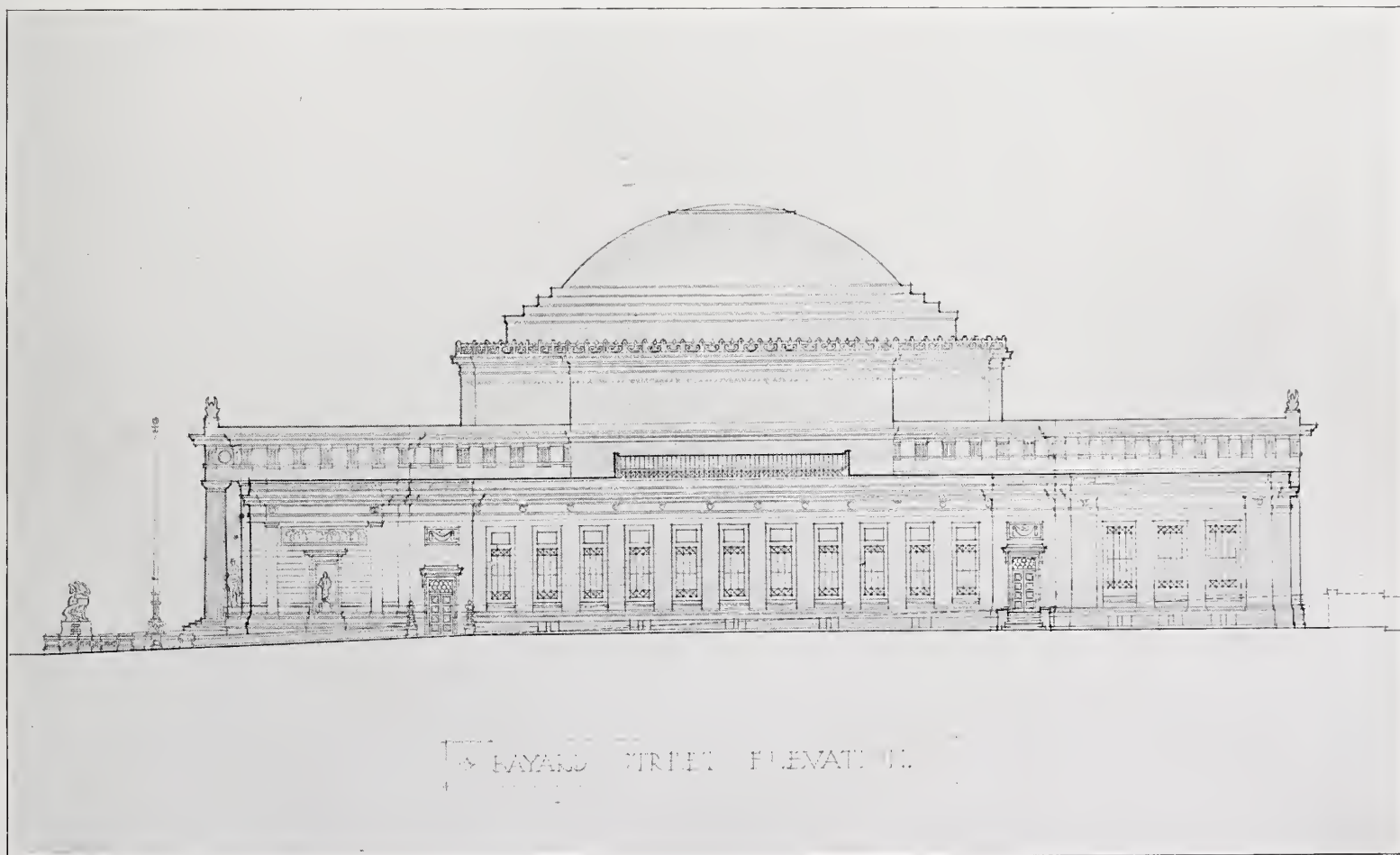


GRANT BOULEVARD ELEVATION

SOLDIERS' MEMORIAL, ALLEGHENY CO., PENNA.
CASS GILBERT, ARCHITECT

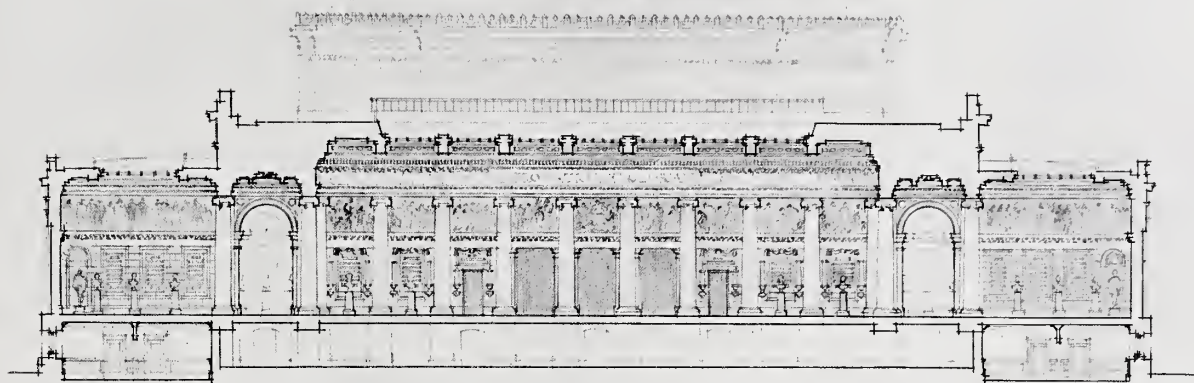


NATALIE AVENUE ELEVATION

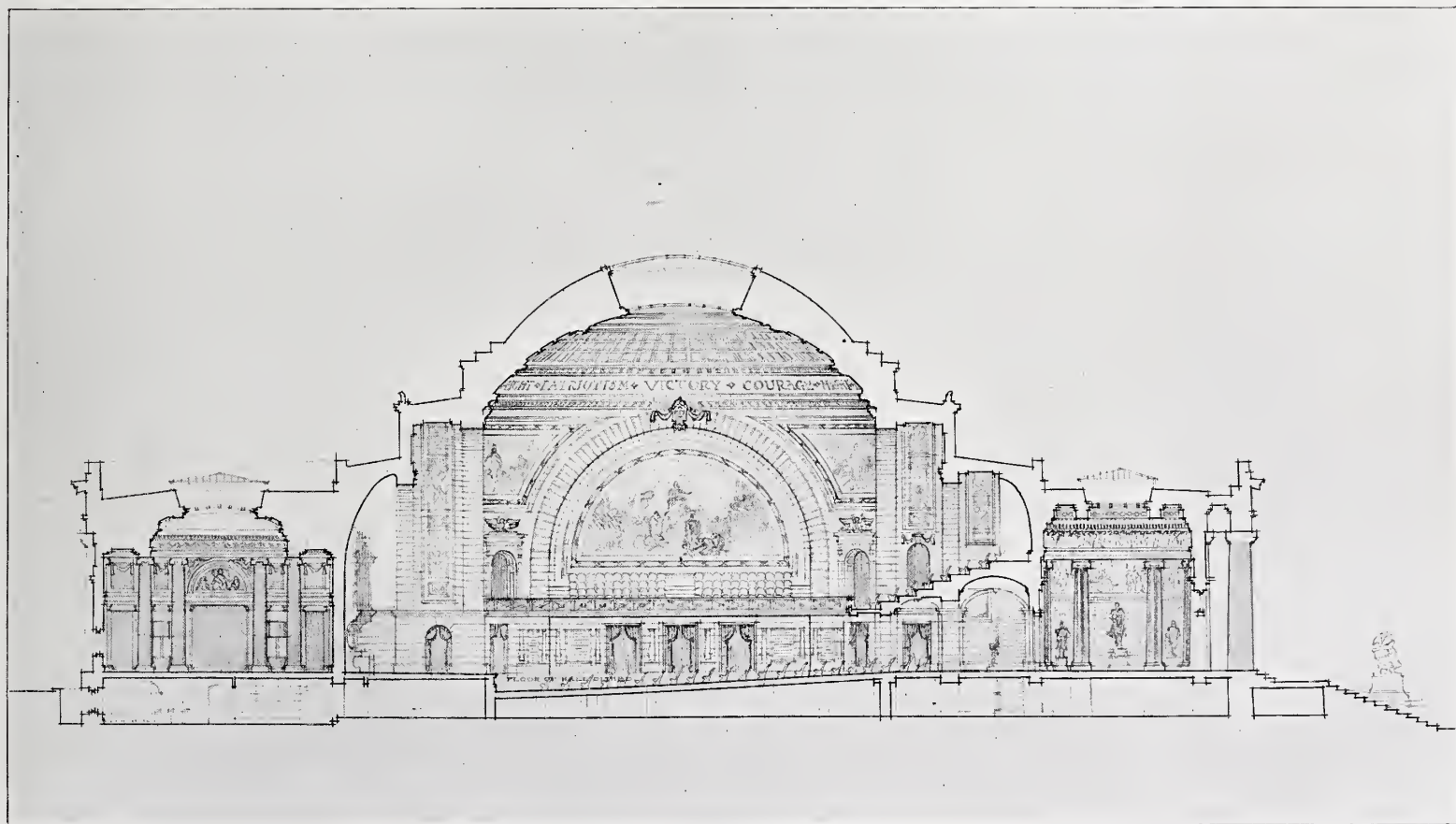


BAYARD STREET ELEVATION

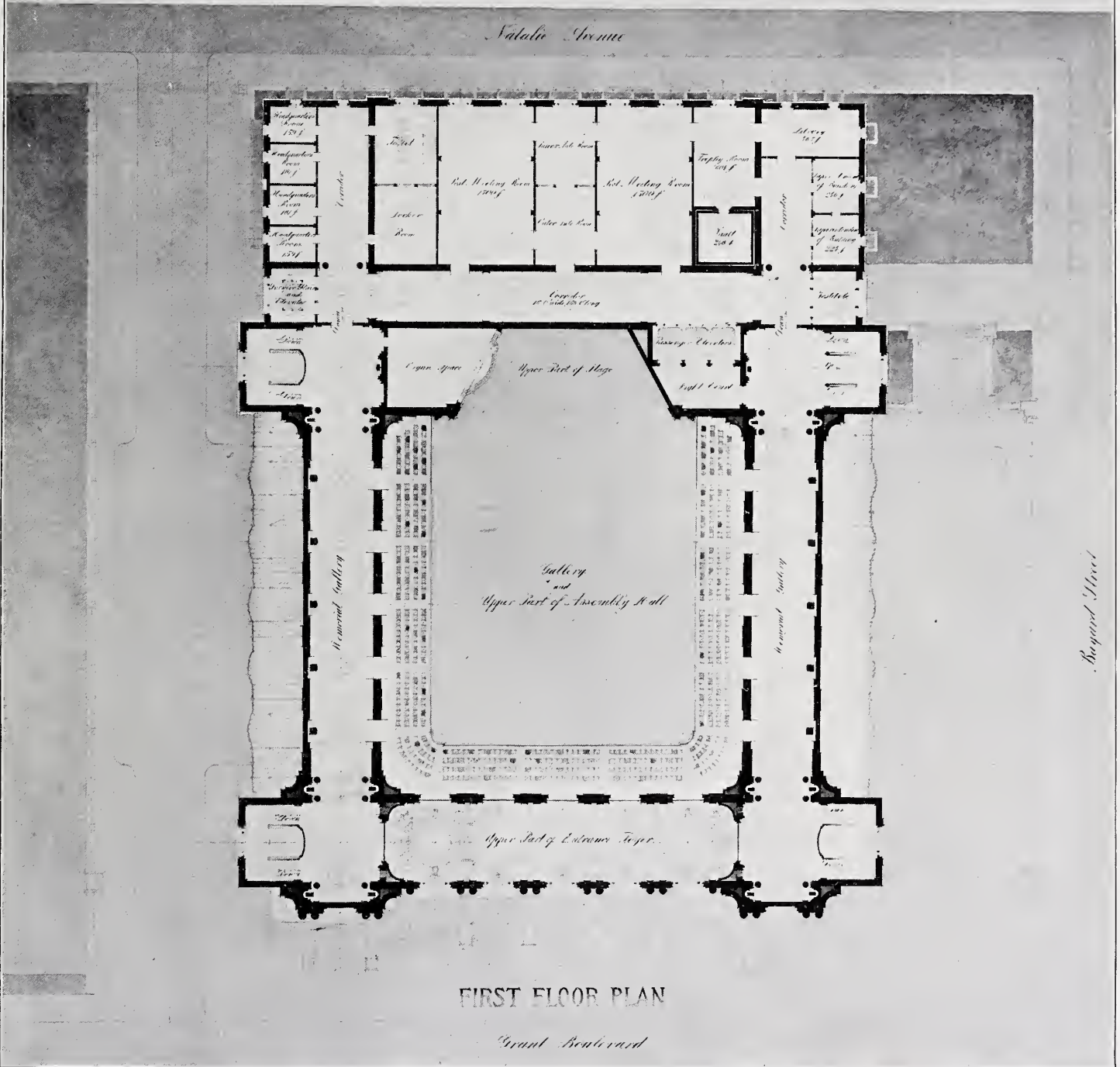
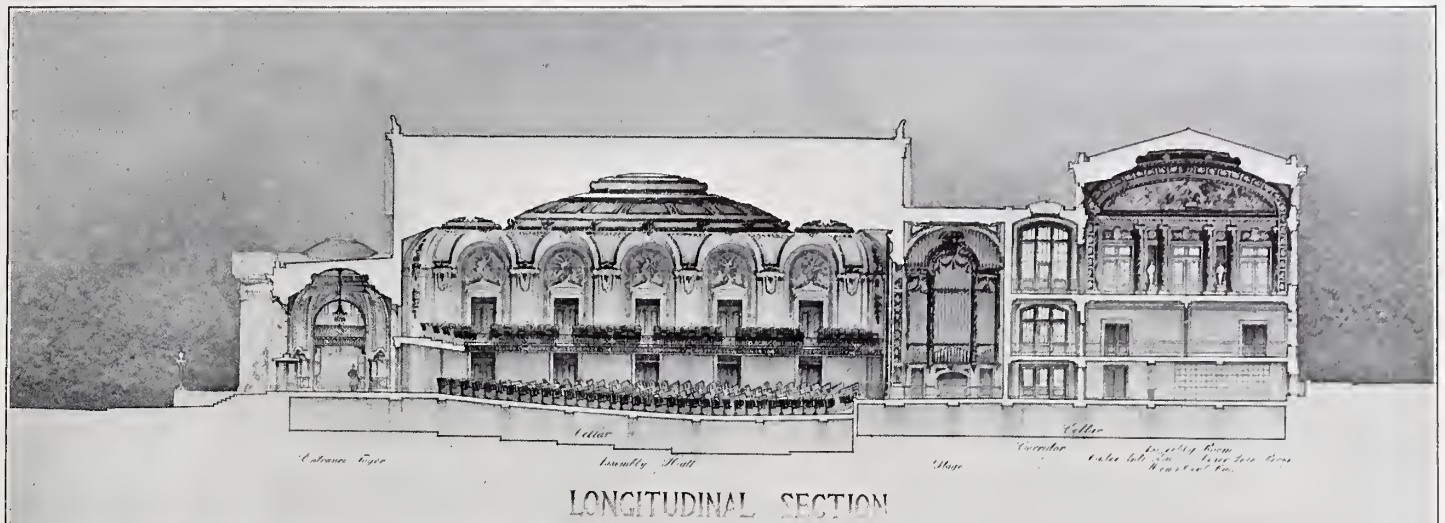




TRANSVERSE SECTION

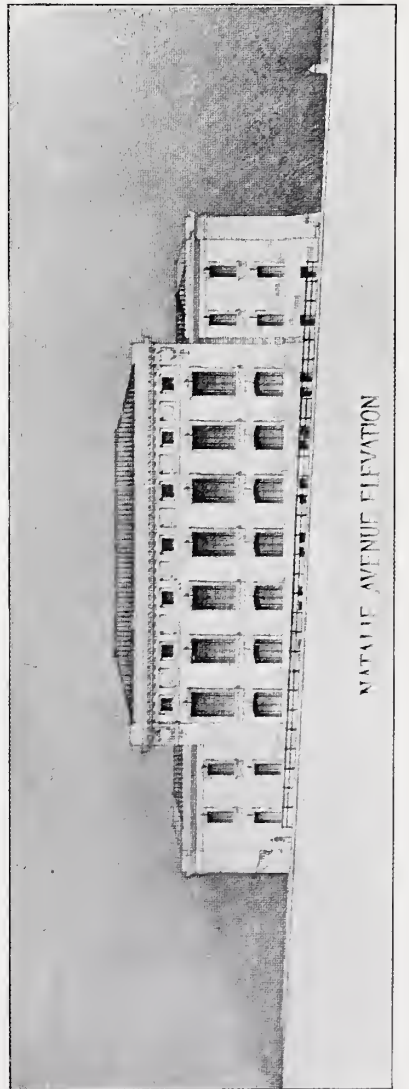


LONGITUDINAL SECTION

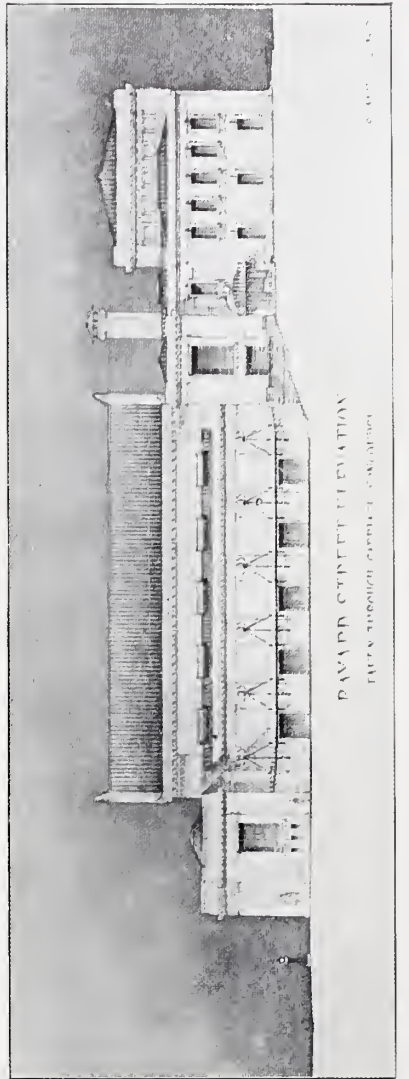




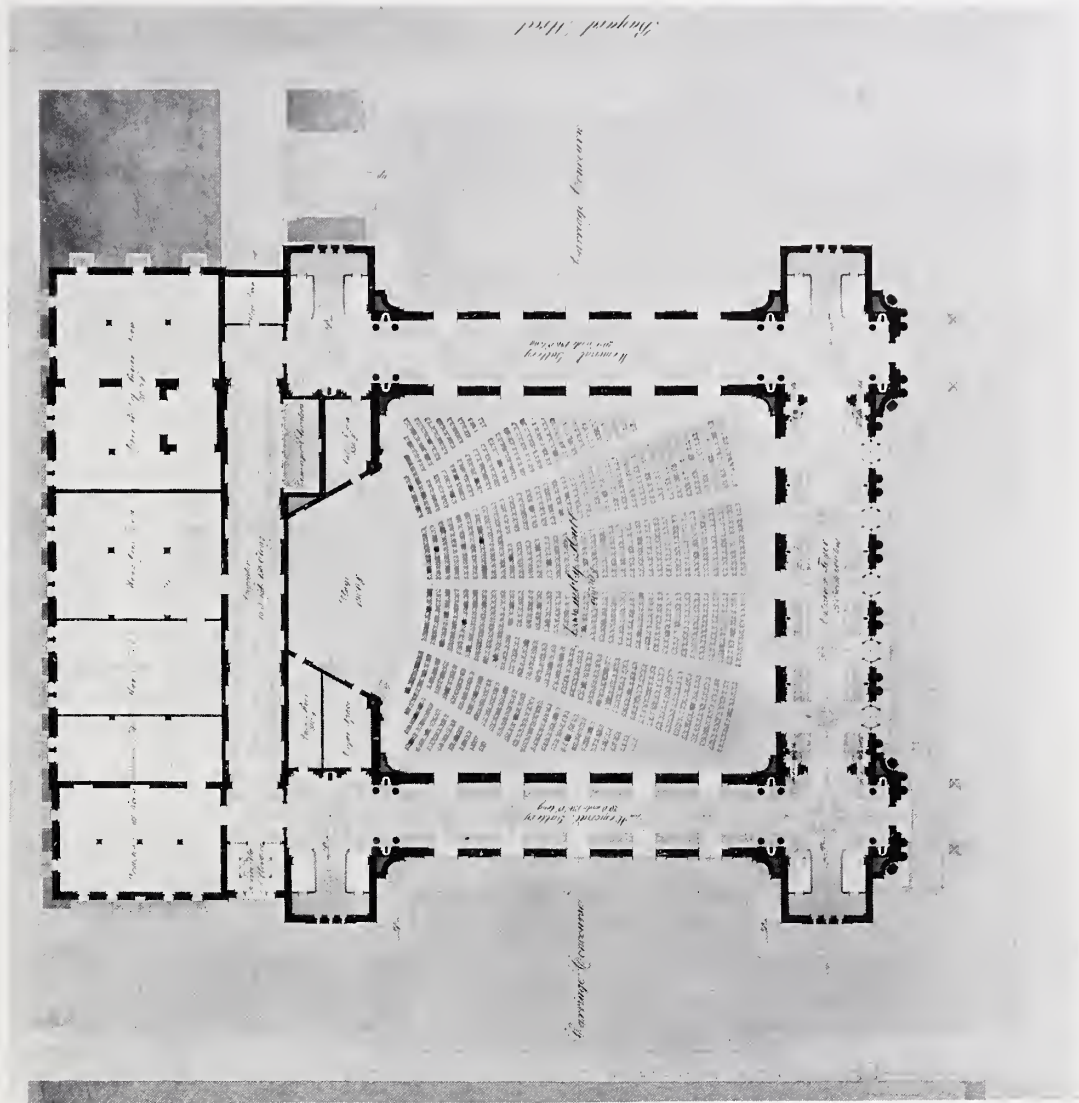
GRANT BOULEVARD ELEVATION



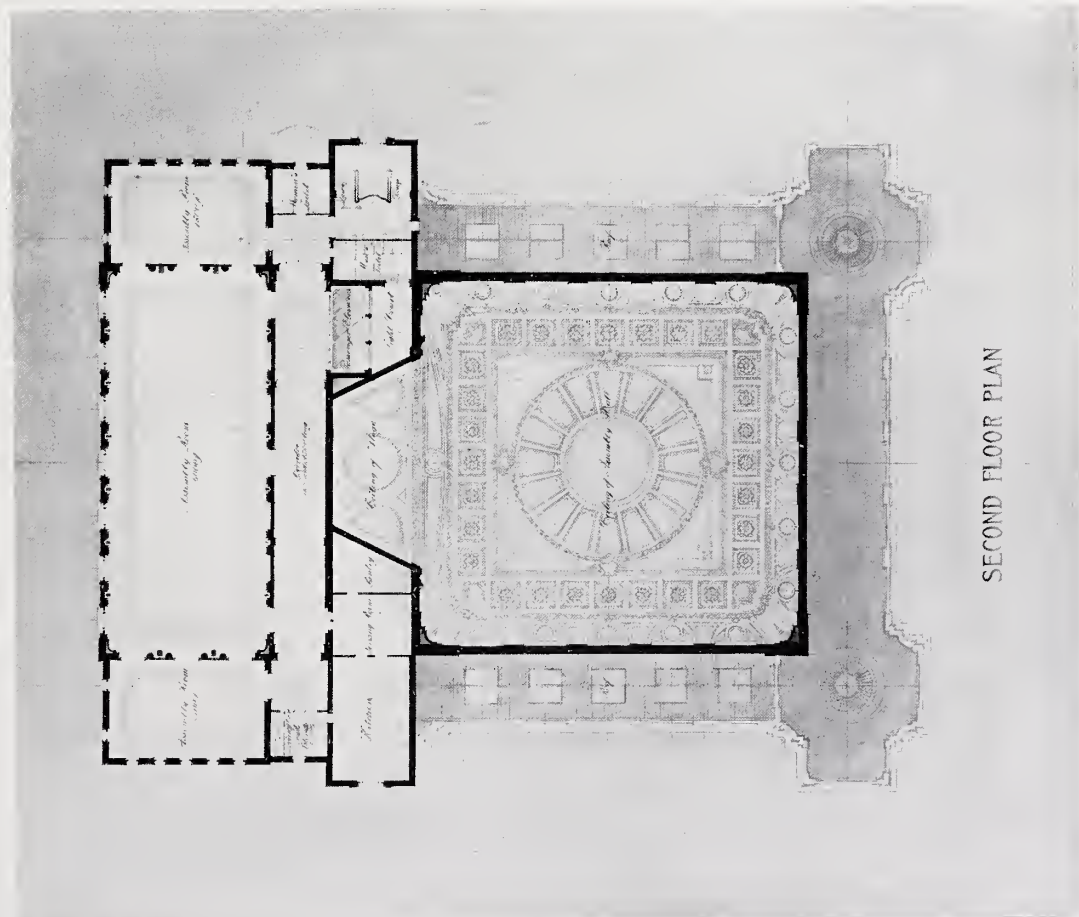
NATALIE AVENUE ELEVATION



BAYARD STREET ELEVATION

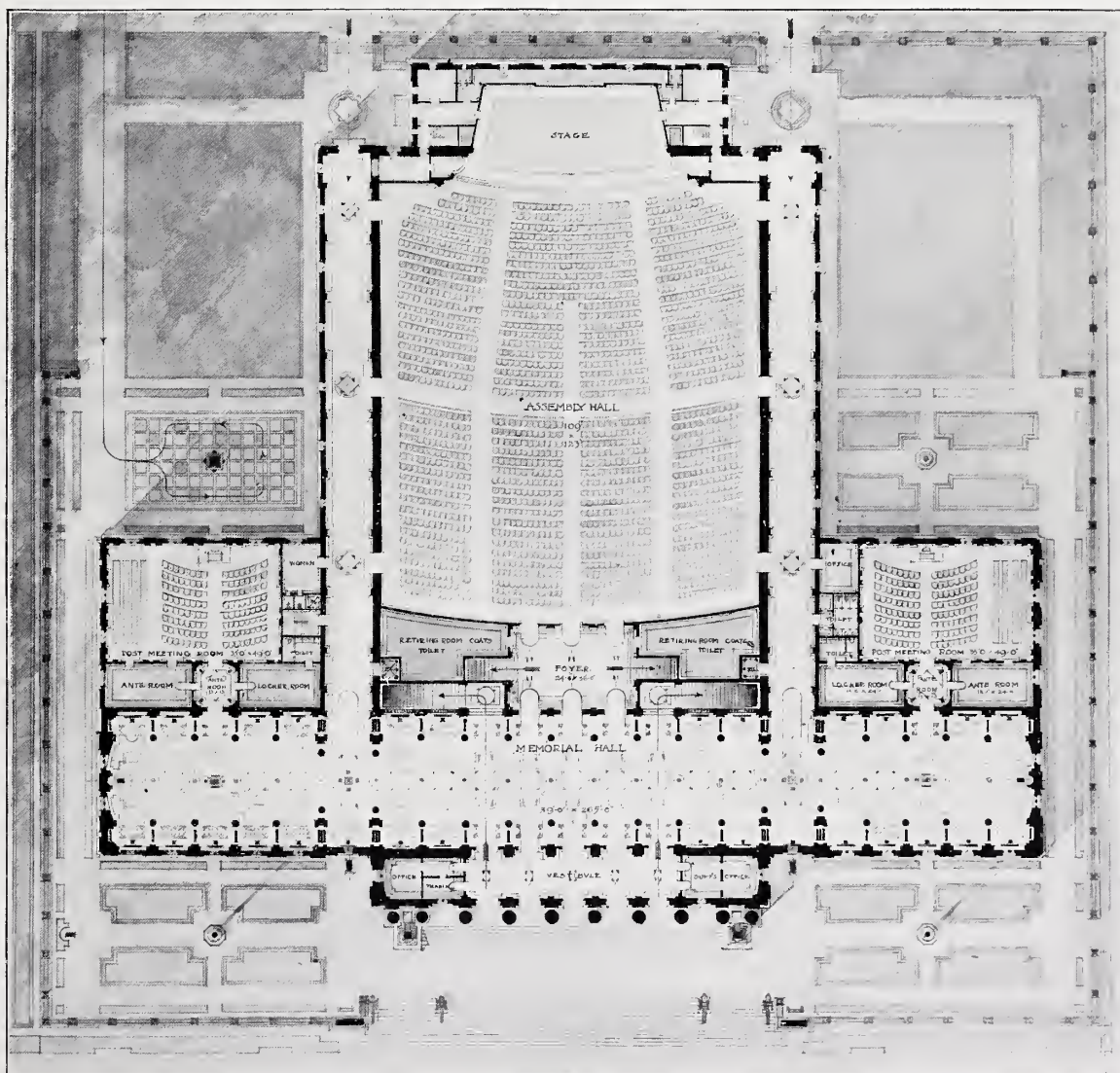
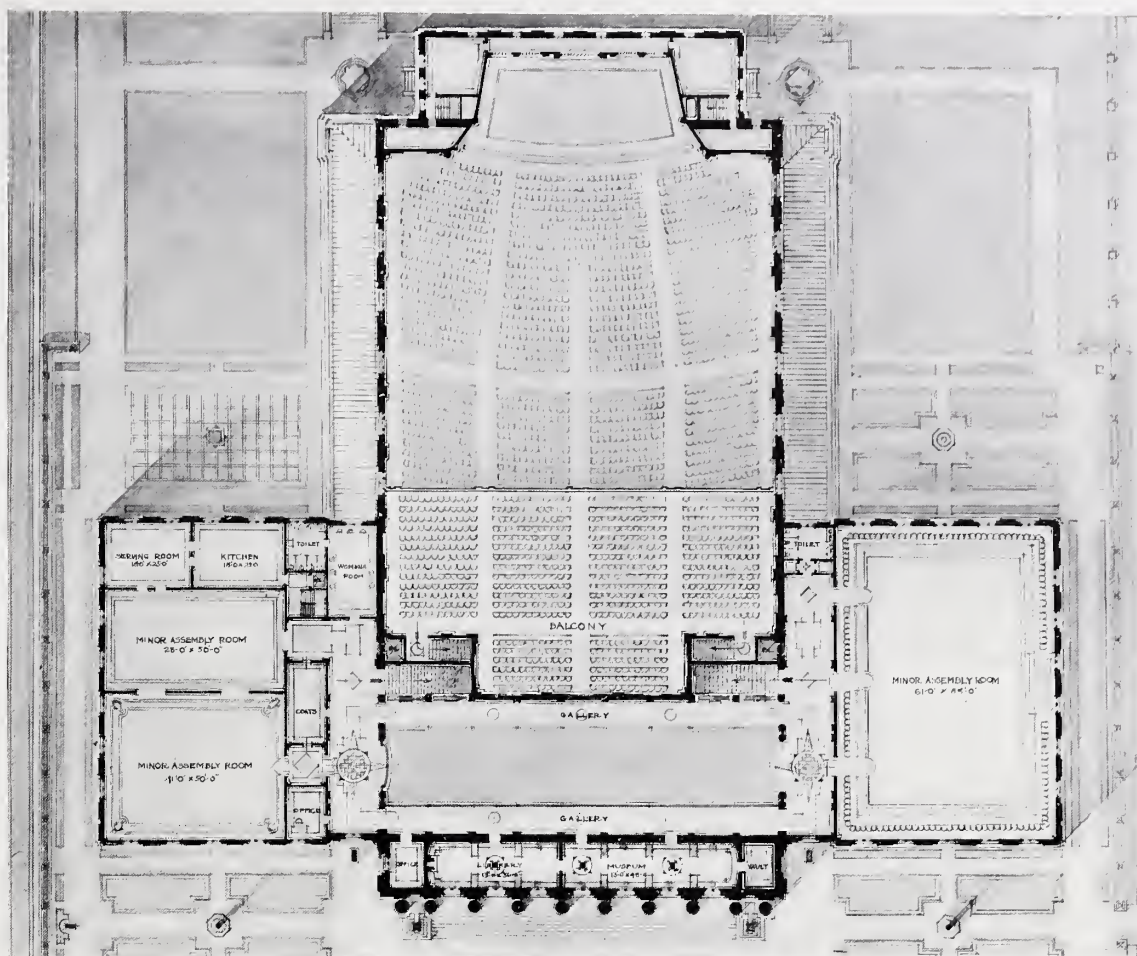


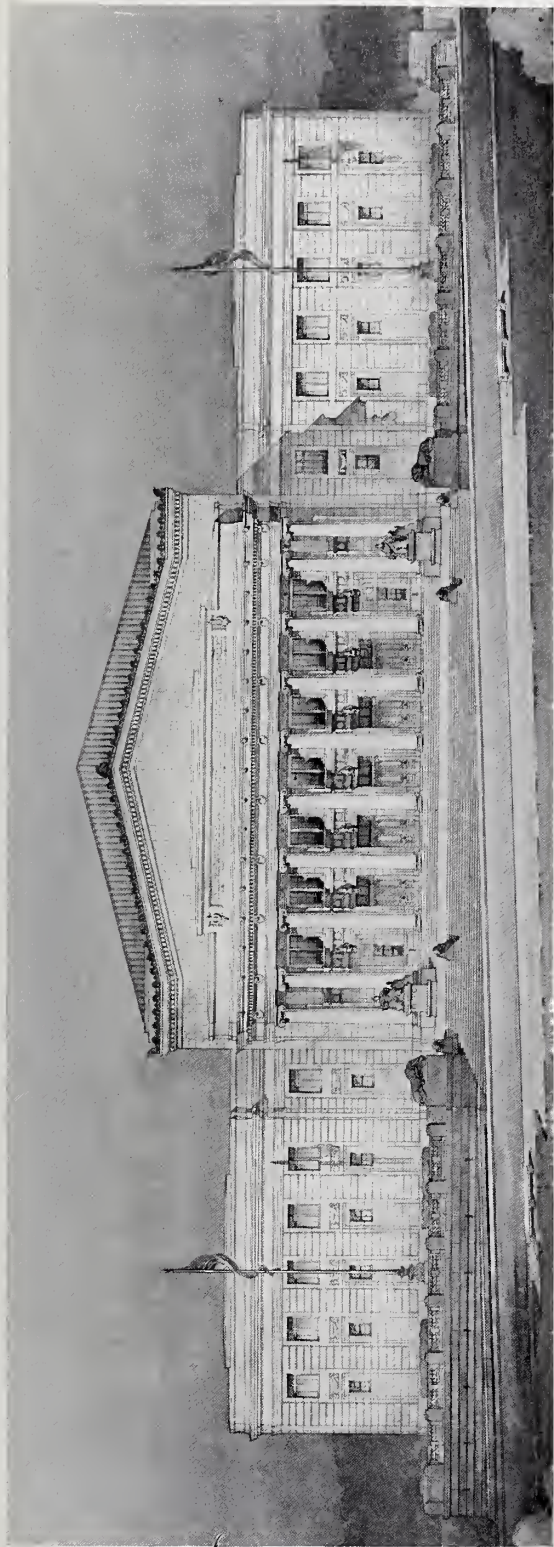
GROUND FLOOR PLAN



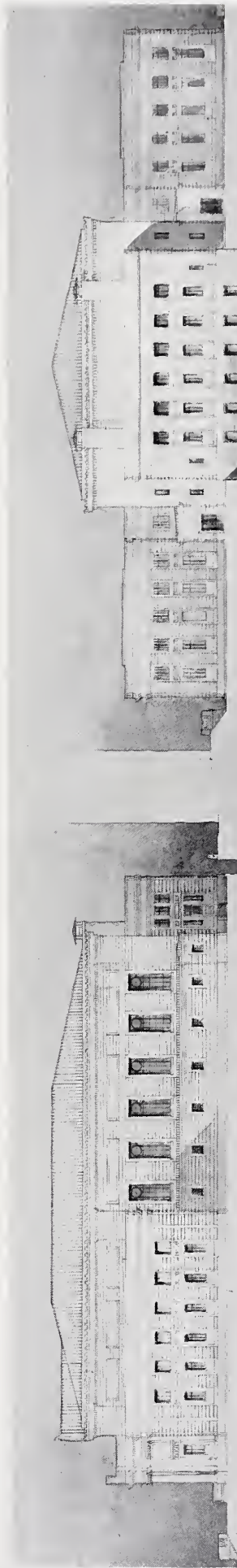
SECOND FLOOR PLAN

SECOND FLOOR PLAN



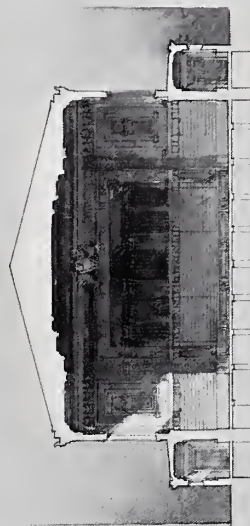


GRANT BOULEVARD ELEVATION



SIDE ELEVATION

REAR ELEVATION



CROSS SECTION THROUGH ASSEMBLY HALL



LONGITUDINAL SECTION

CROSS SECTION THROUGH BUILDING

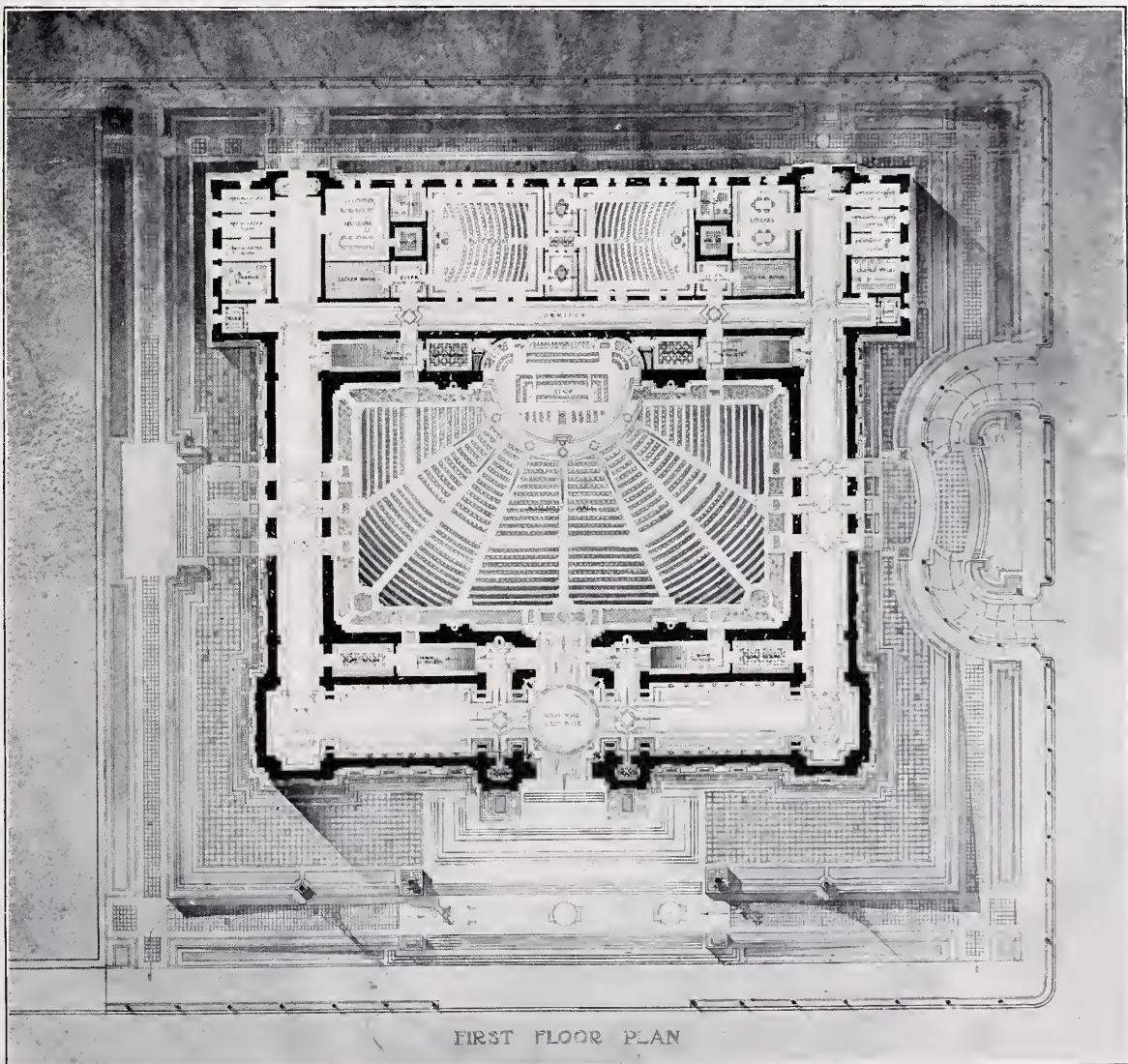
ALLEGHENY COUNTY SOLDIERS' MEMORIAL

ONE FOUR FOUR FORTY-SEVEN FEET

ELEVATIONS AND SECTIONS



GRANT BOULEVARD ELEVATION



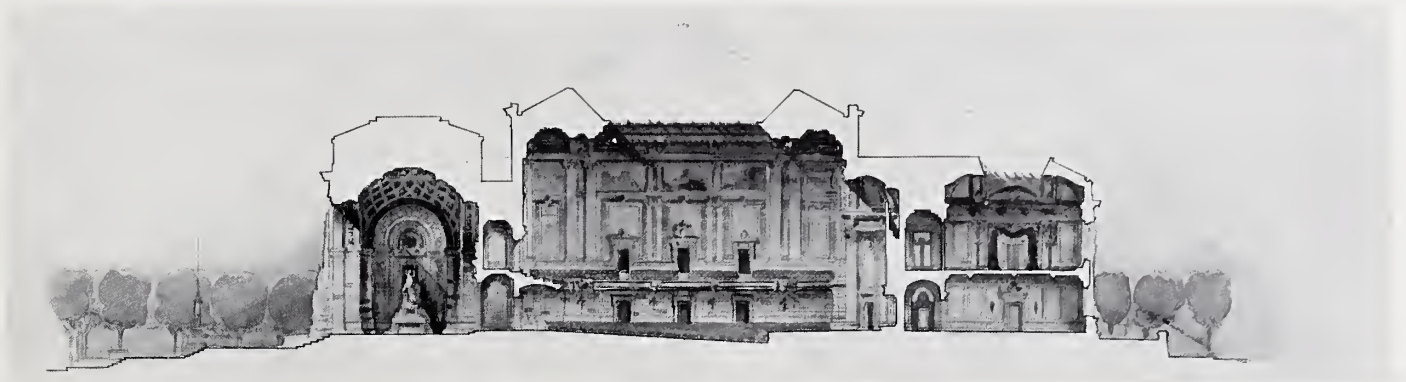
FIRST FLOOR PLAN

FIRST FLOOR PLAN

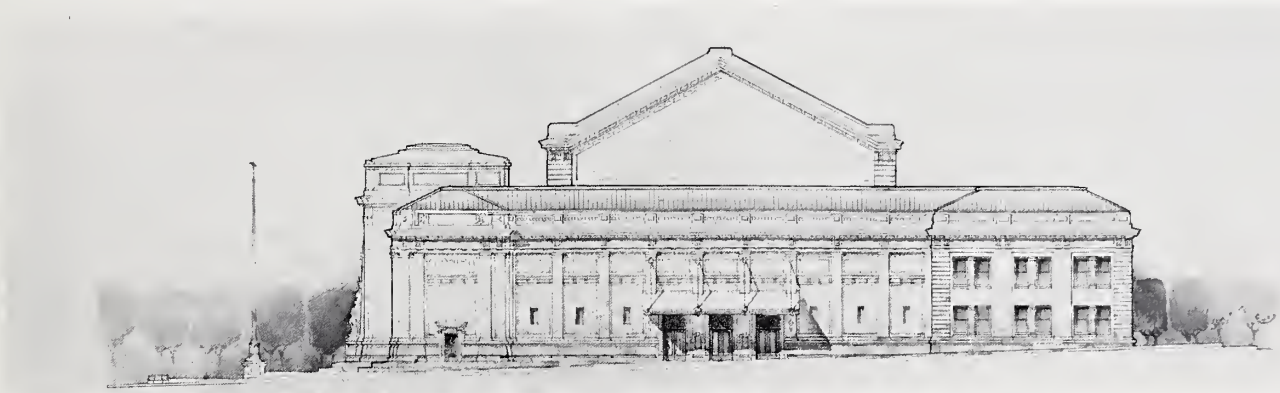




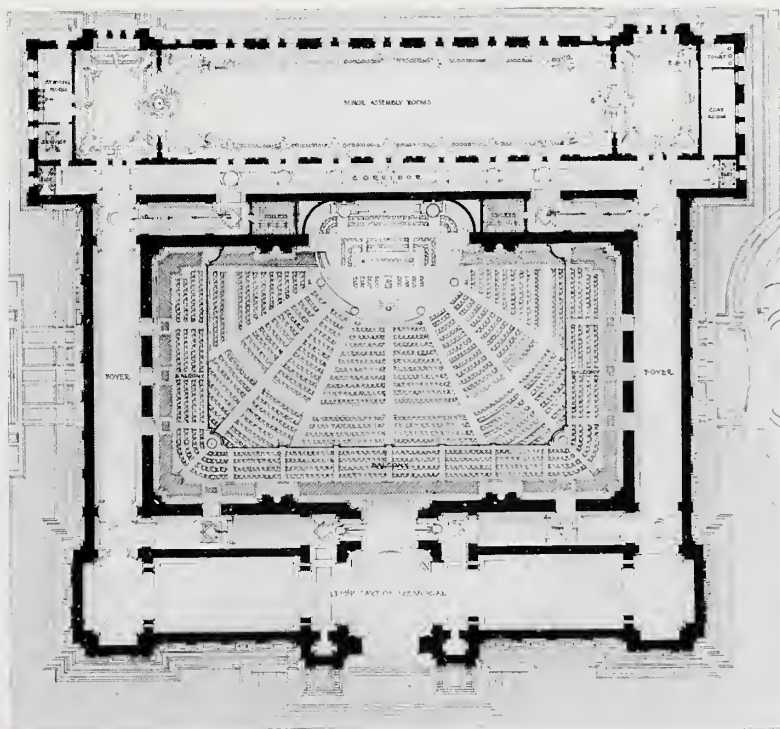
TRANSVERSE SECTION



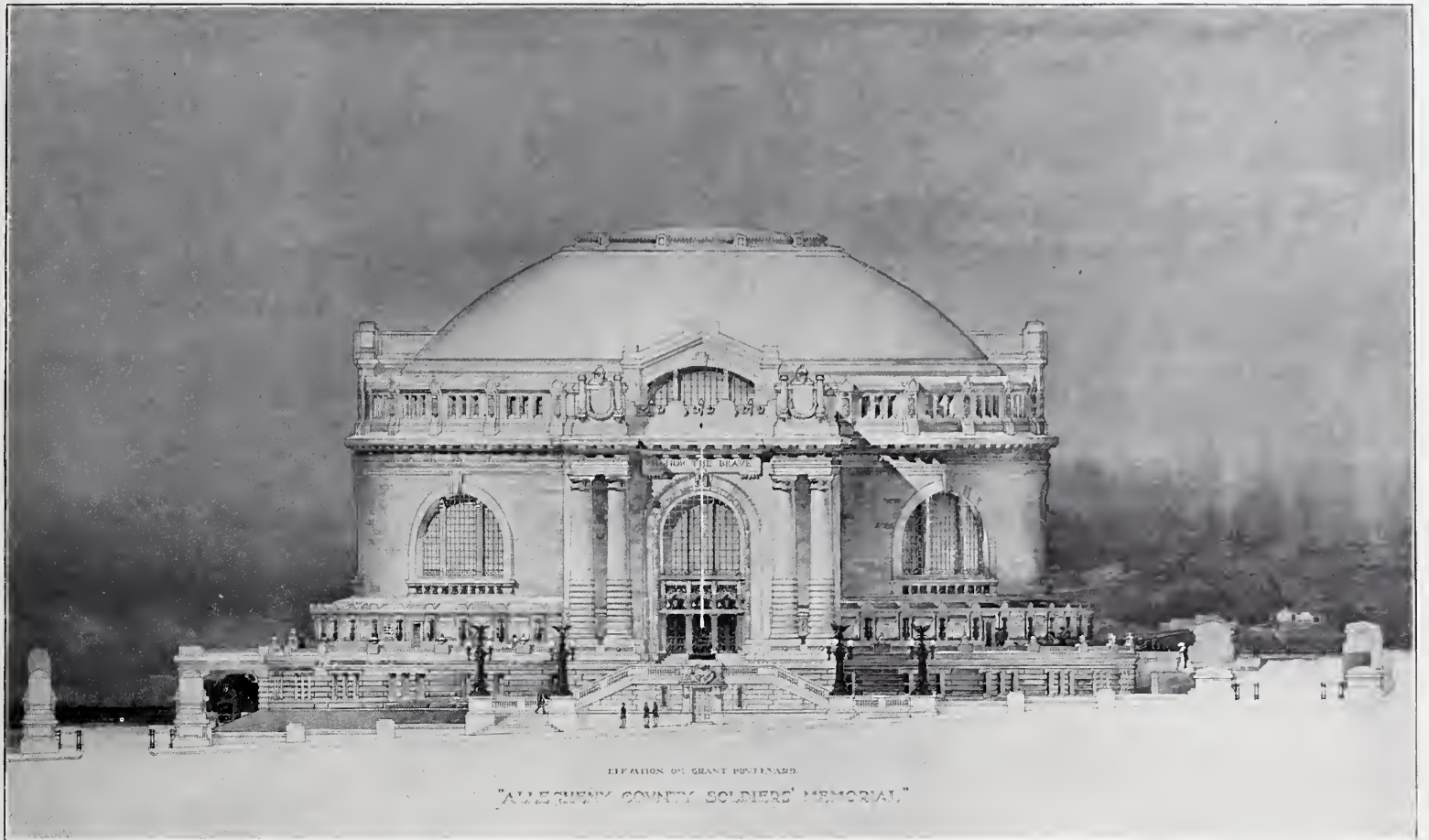
LONGITUDINAL SECTION



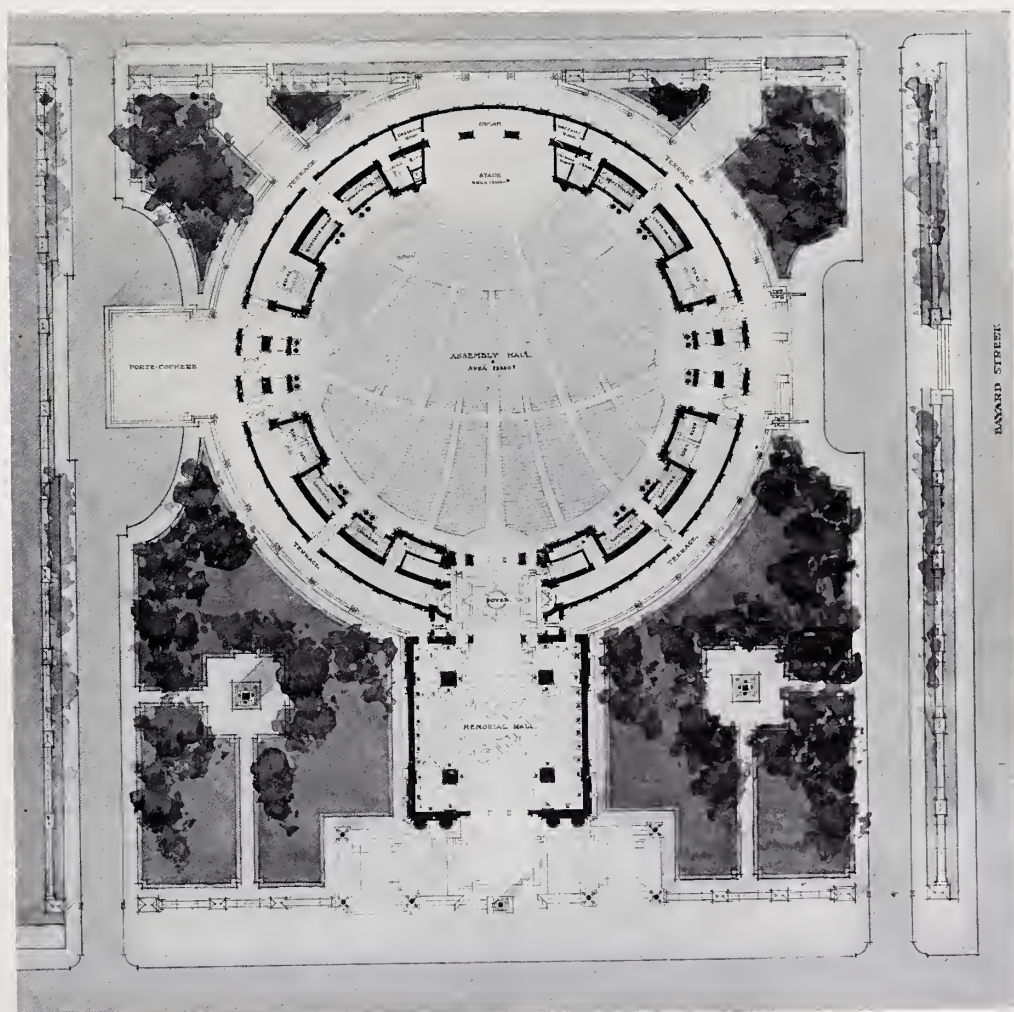
BAYARD STREET ELEVATION



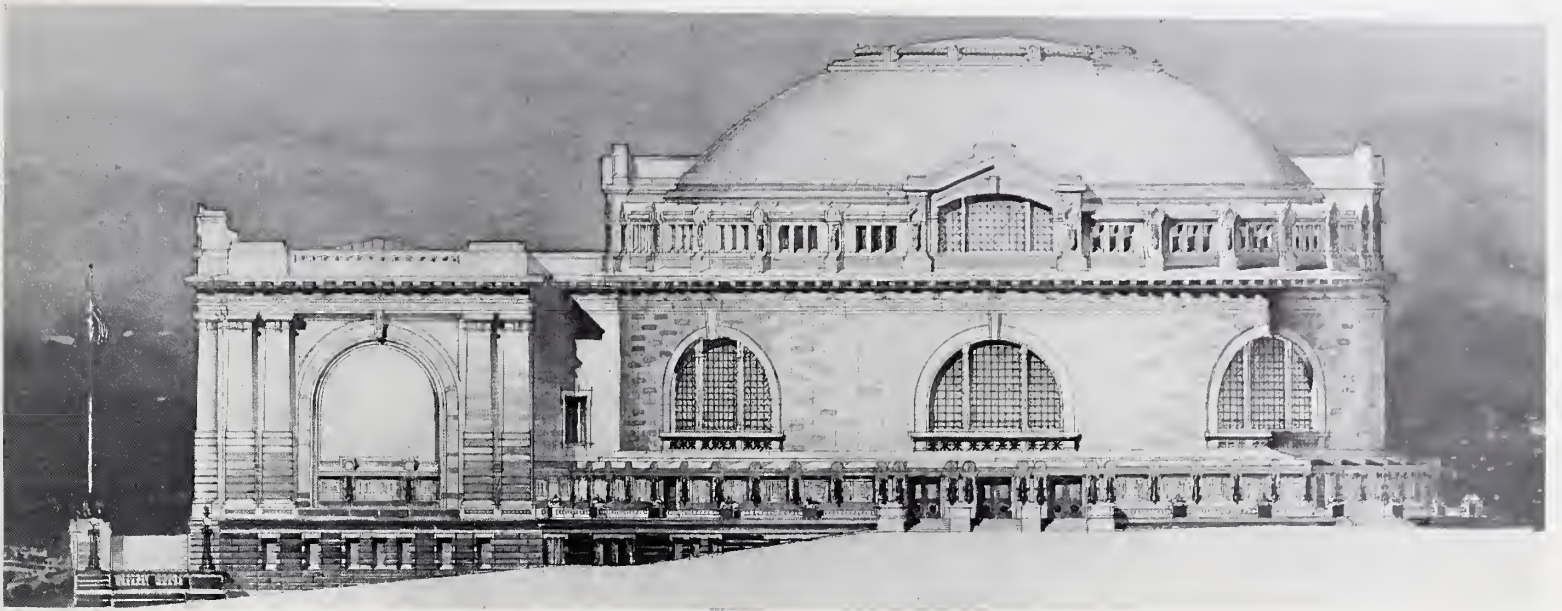
SECOND FLOOR PLAN



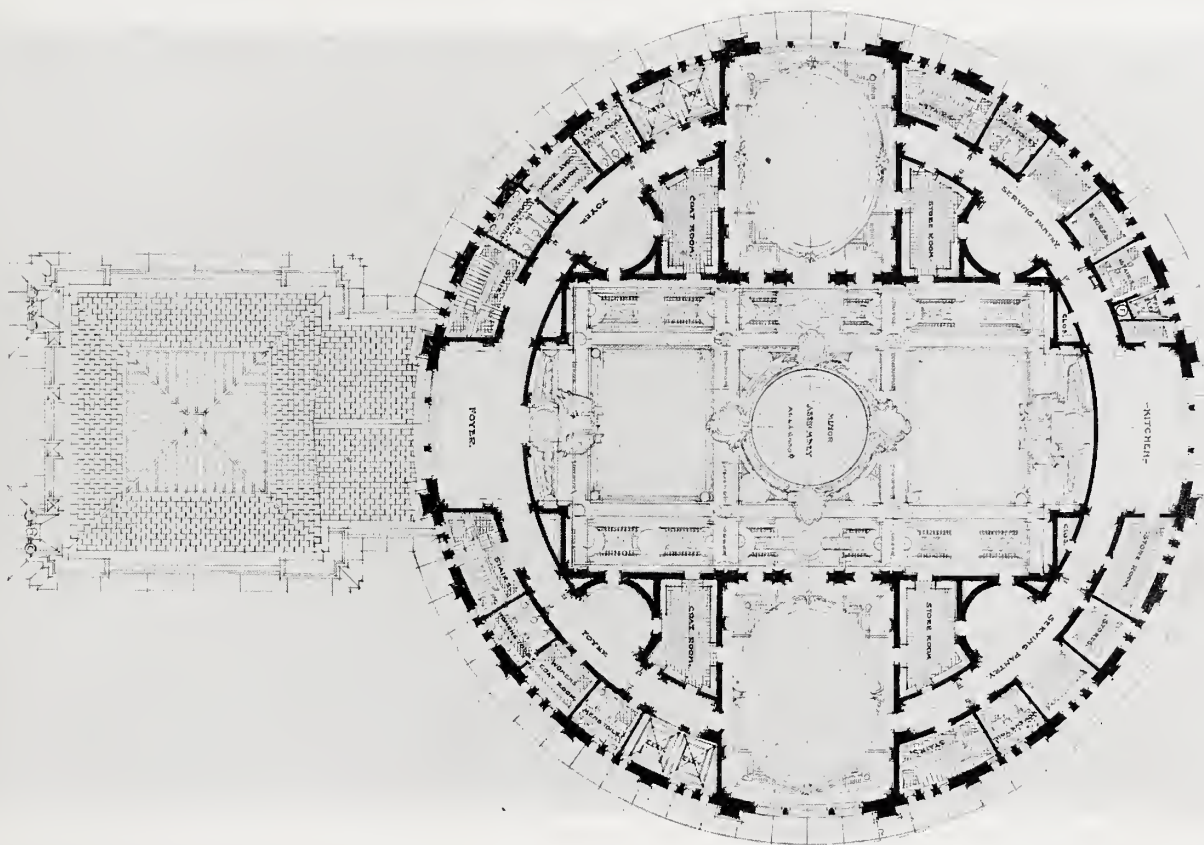
GRANT BOULEVARD ELEVATION



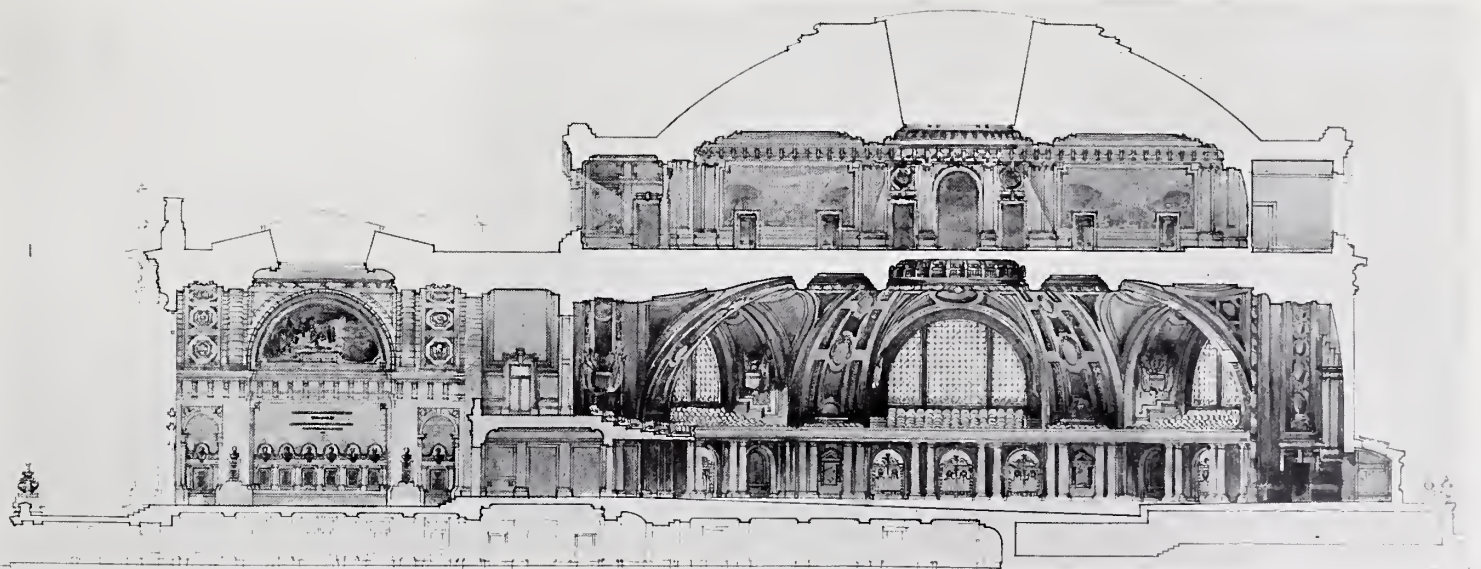
FIRST FLOOR PLAN



BAYARD STREET ELEVATION

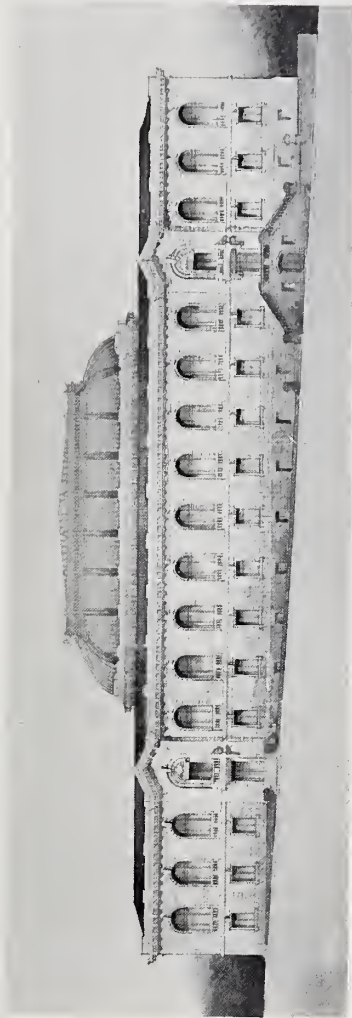


SECOND FLOOR PLAN

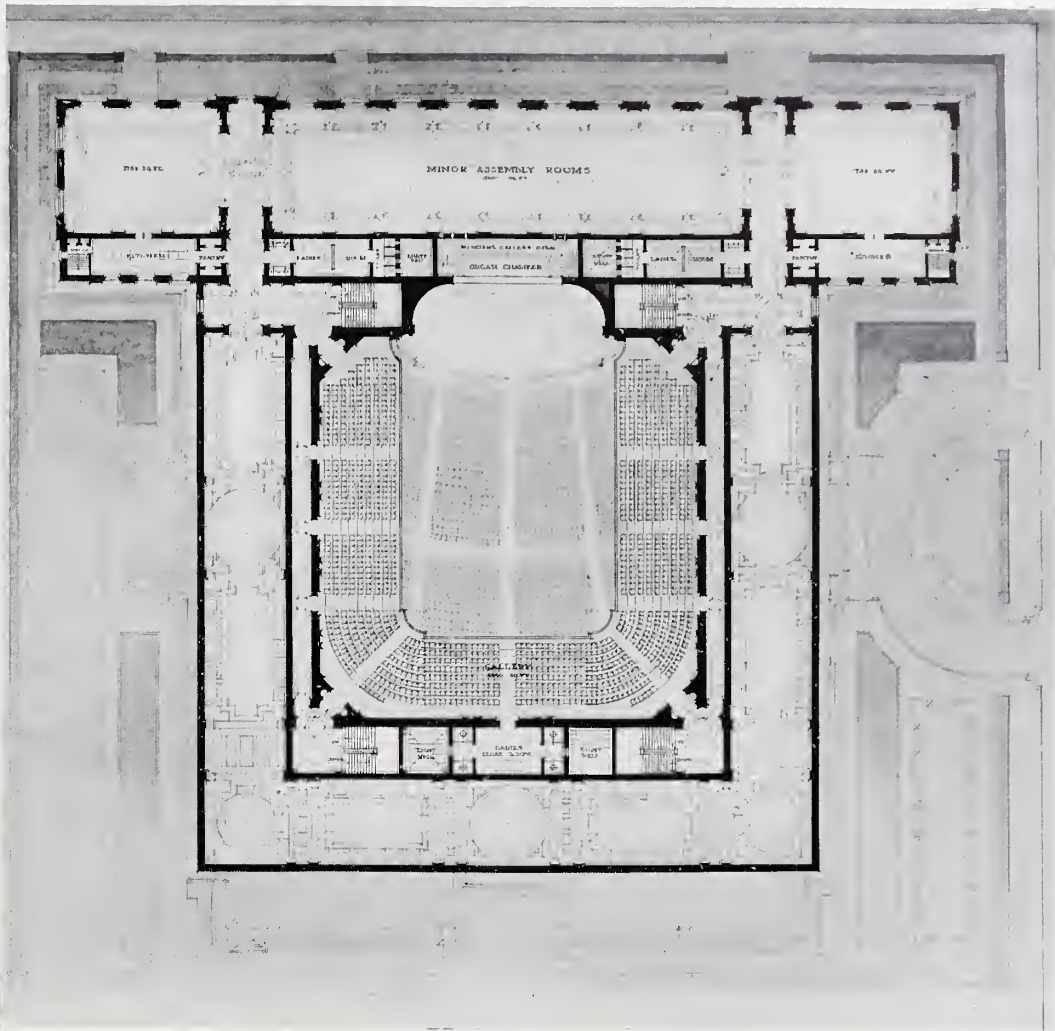


LONGITUDINAL SECTION

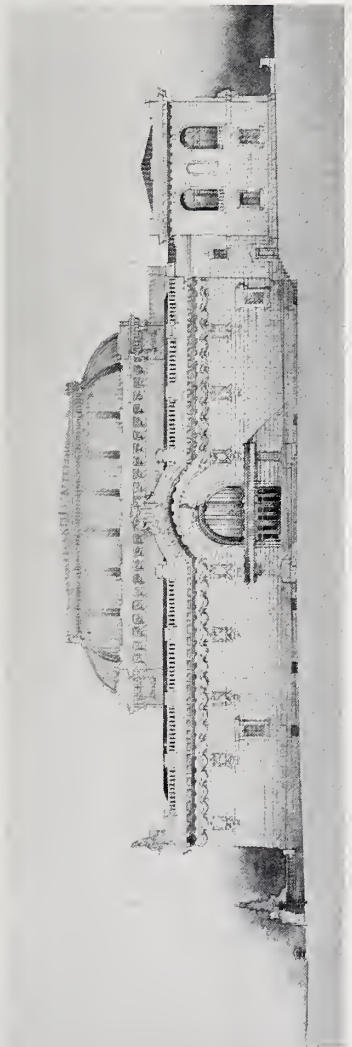




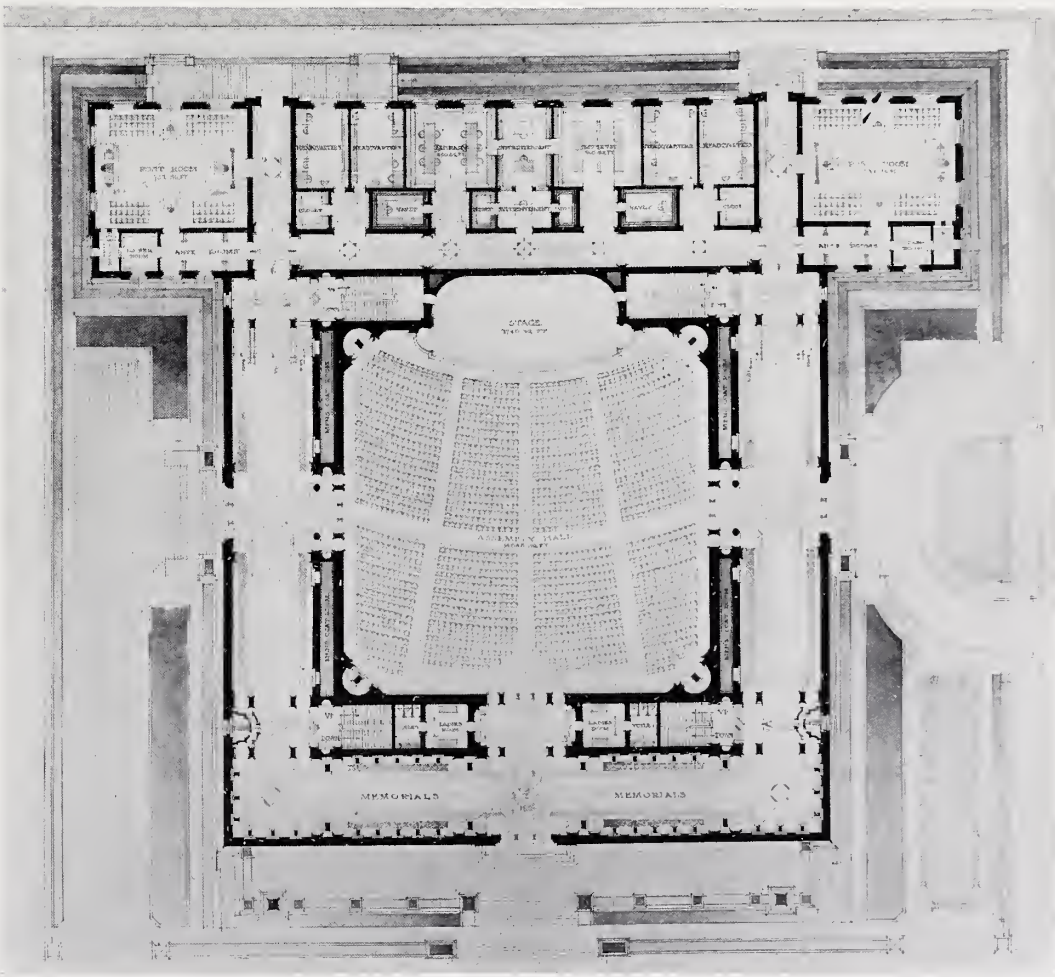
NATALIE AVENUE ELEVATION



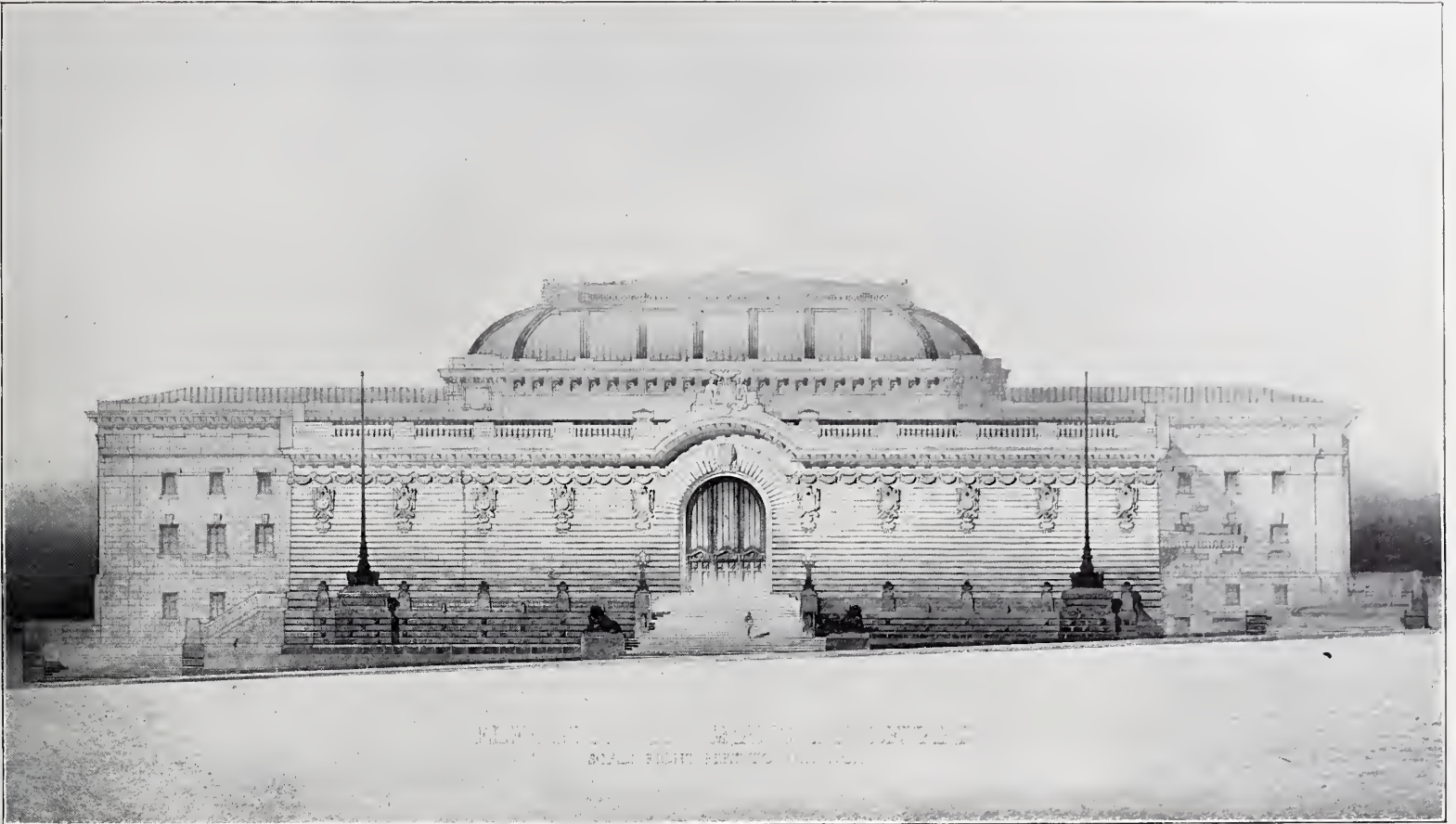
SECOND FLOOR PLAN



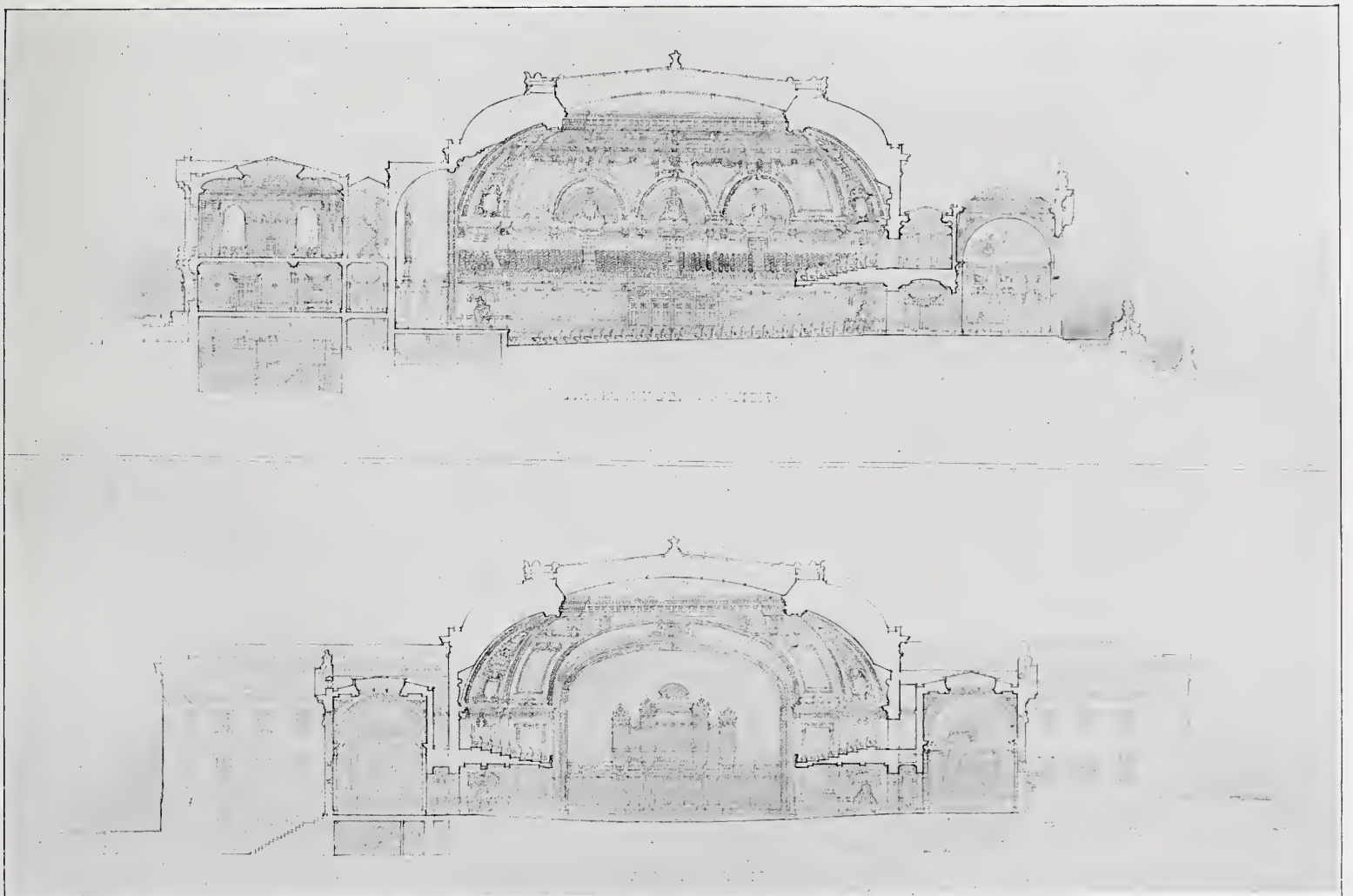
BAYARD STREET ELEVATION



FIRST FLOOR PLAN



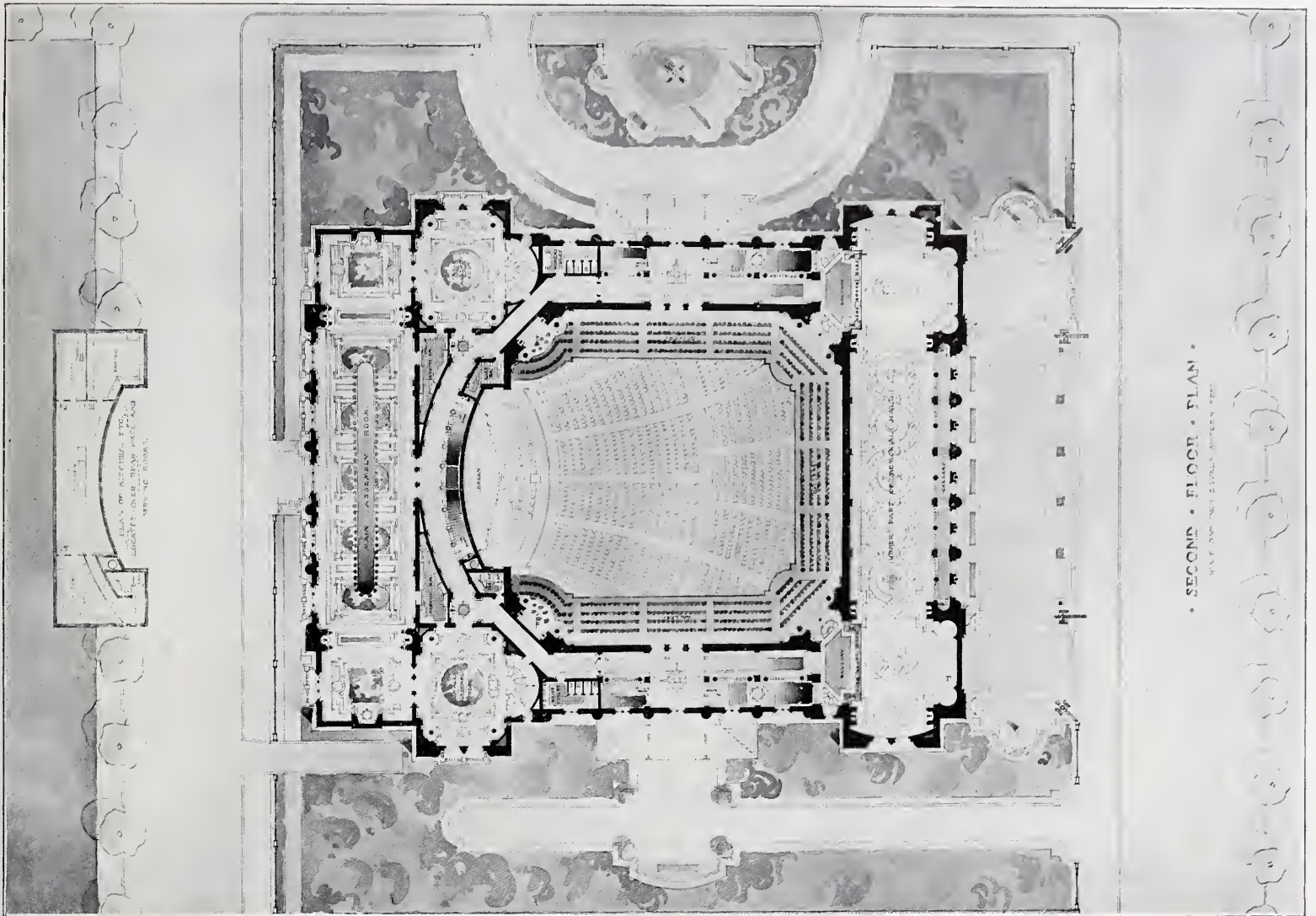
GRANT BOULEVARD ELEVATION



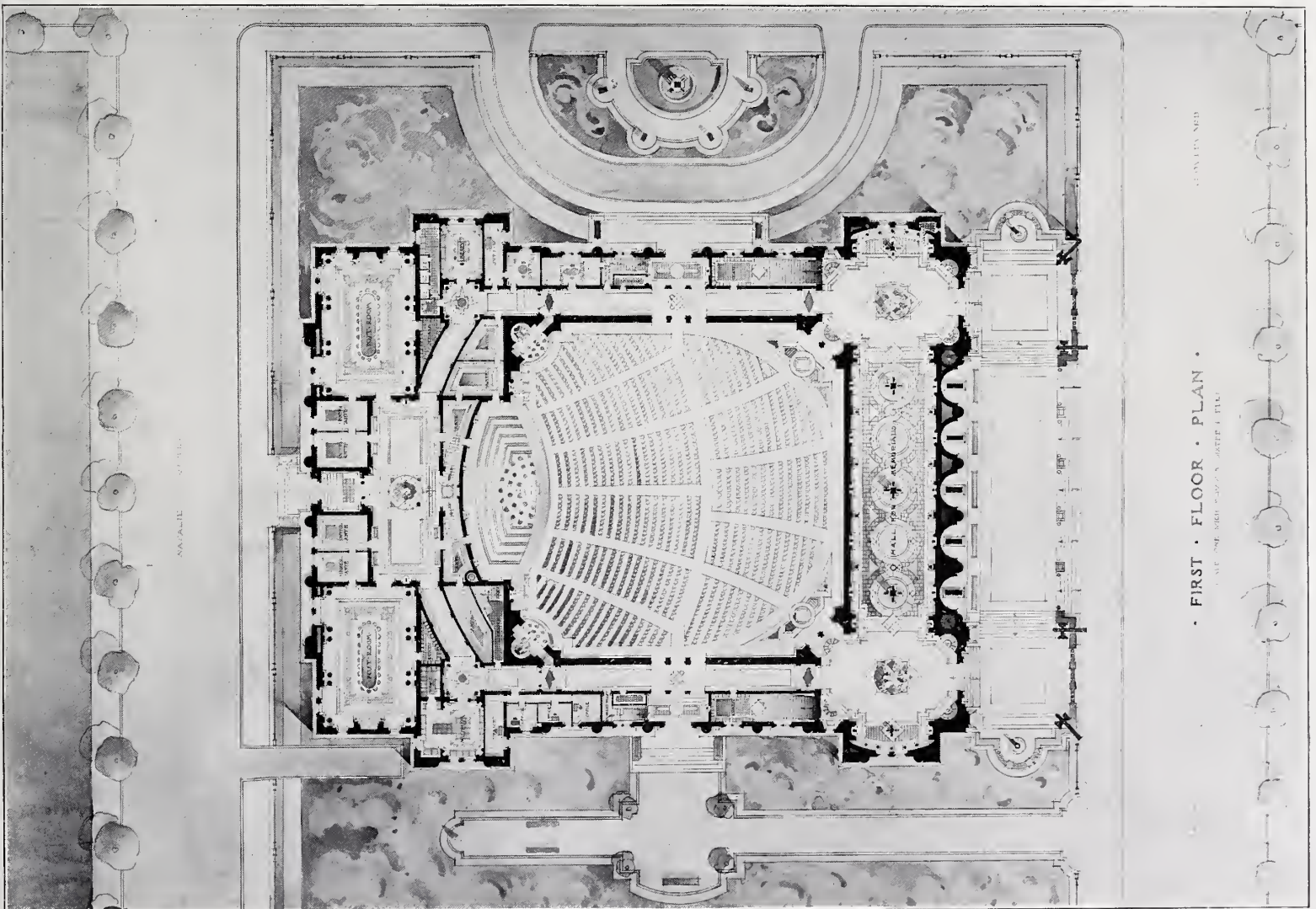
LONGITUDINAL AND TRANSVERSE SECTIONS

SOLDIERS' MEMORIAL, ALLEGHENY CO., PENNA.

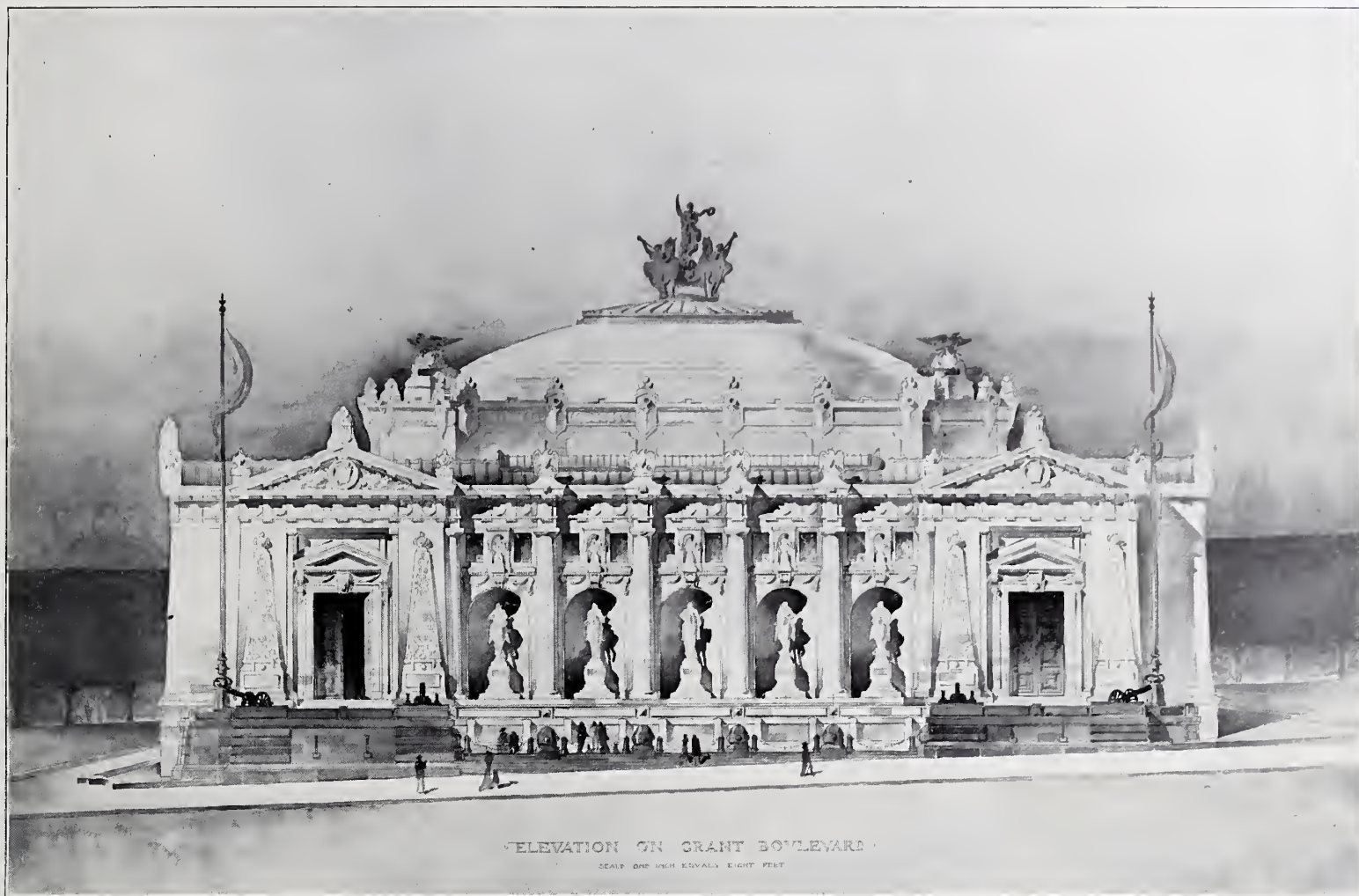
T. E. BILLQUIST & E. B. LEE, ARCHITECTS



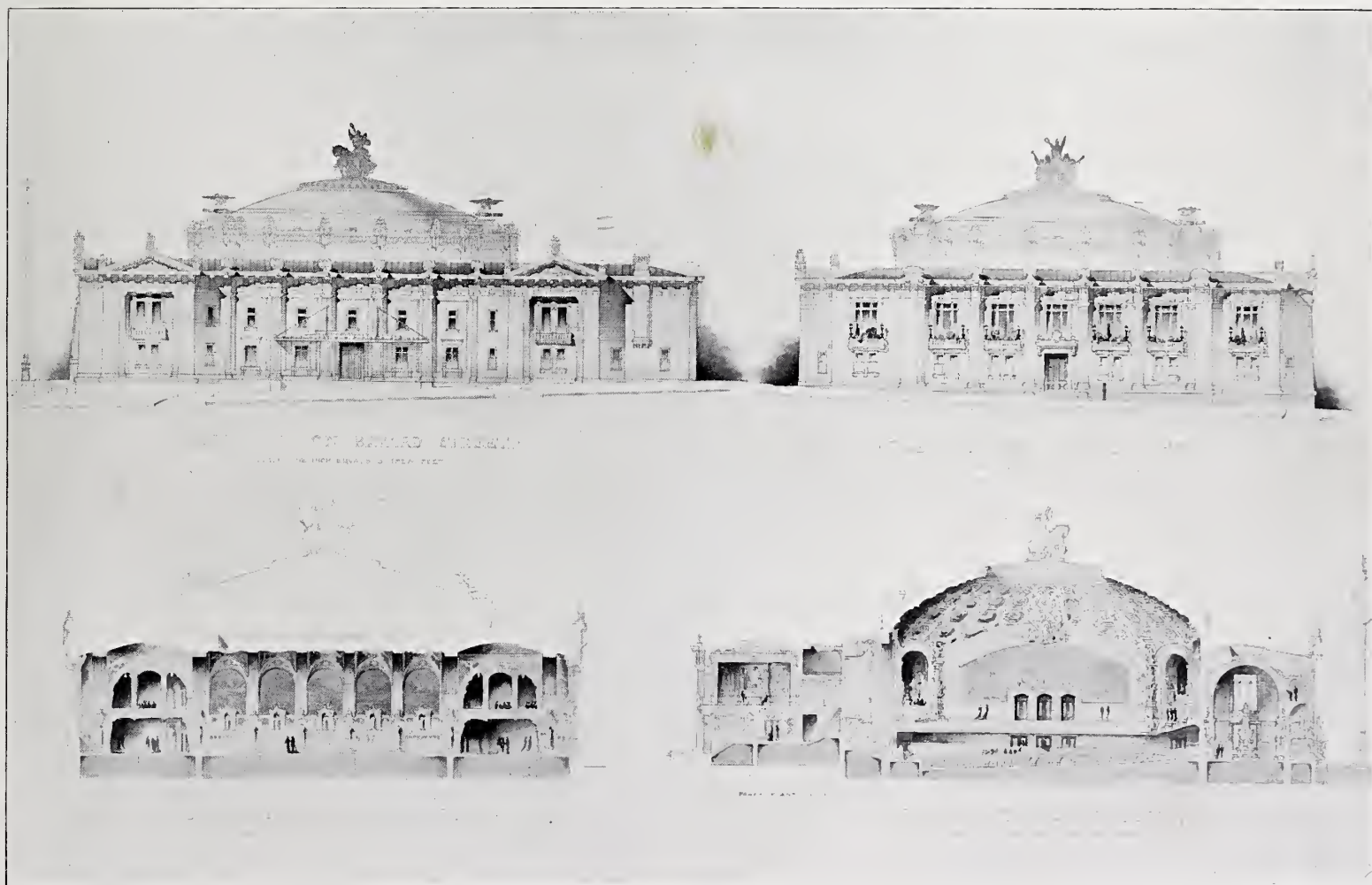
SECOND FLOOR PLAN



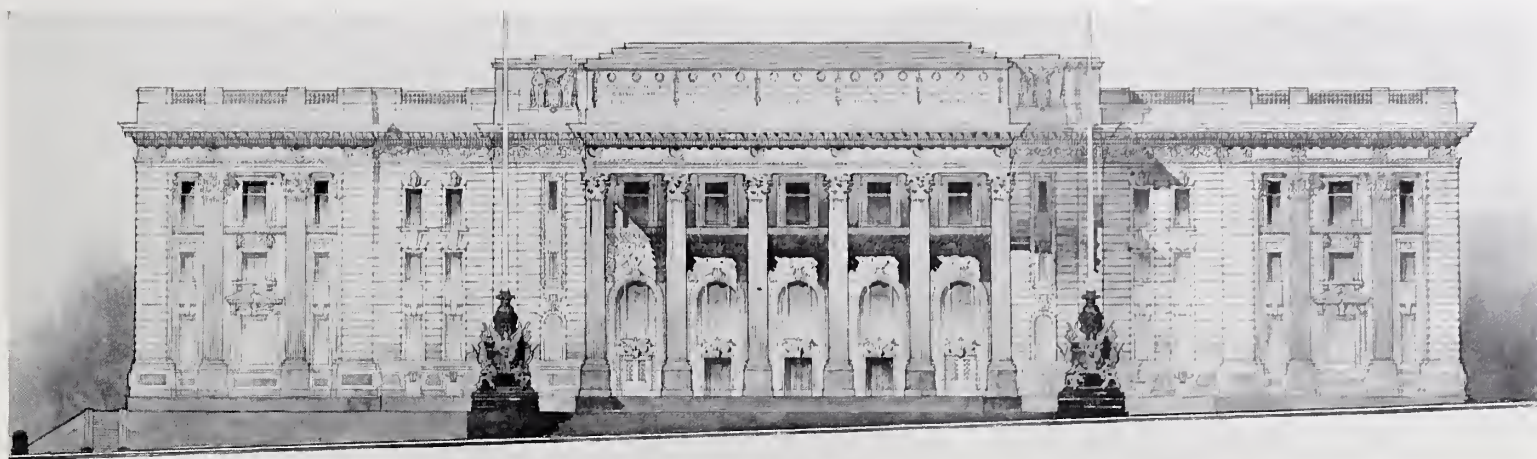
FIRST FLOOR PLAN



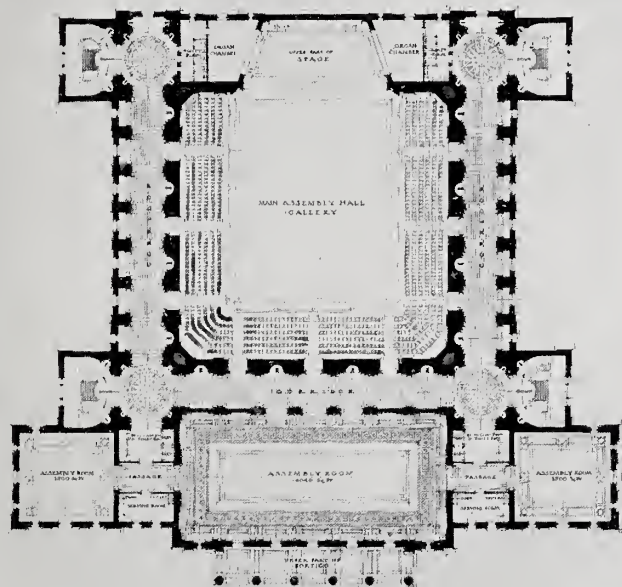
GRANT BOULEVARD ELEVATION



ELEVATIONS AND SECTIONS

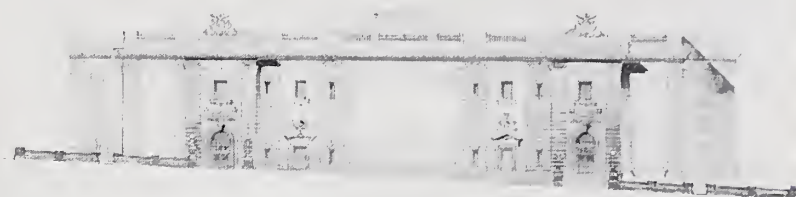


GRANT BOULEVARD ELEVATION



SECOND-STORY PLAN

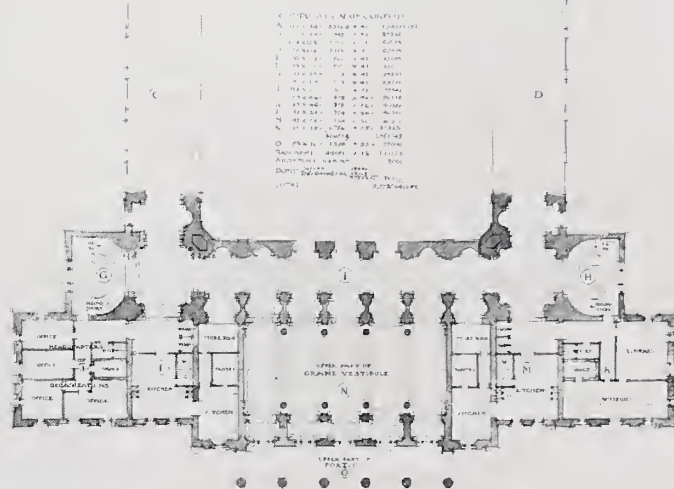
SCALE:
ONE FOOT EQUALS FOUR FEET



ELEVATION ON NATALIE AVENUE

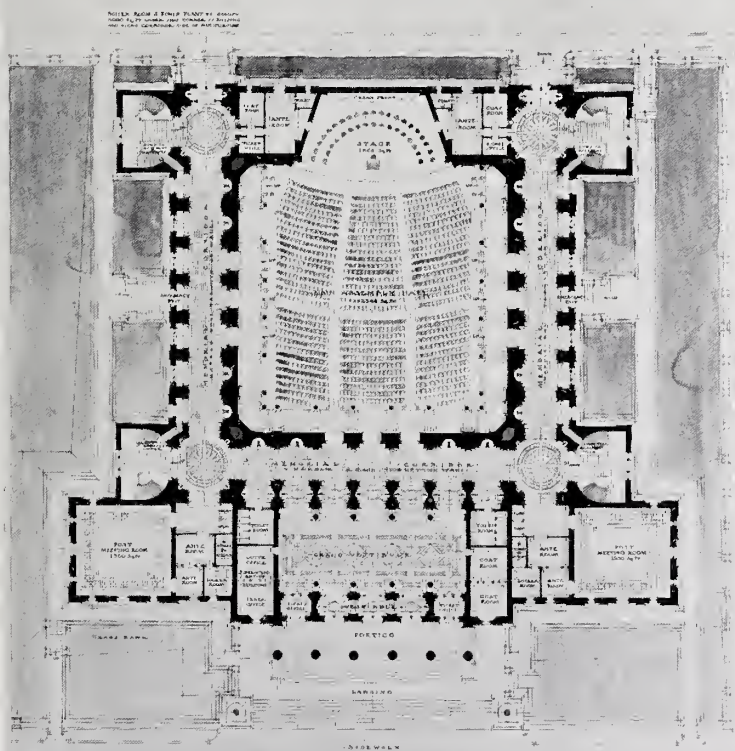


ELEVATION ON BAYARD STREET

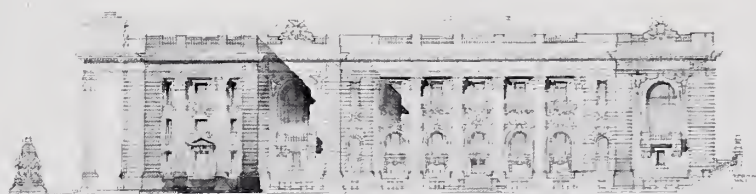


MIZZENINE PLAN

SCALE:
ONE FOOT EQUALS FOUR FEET



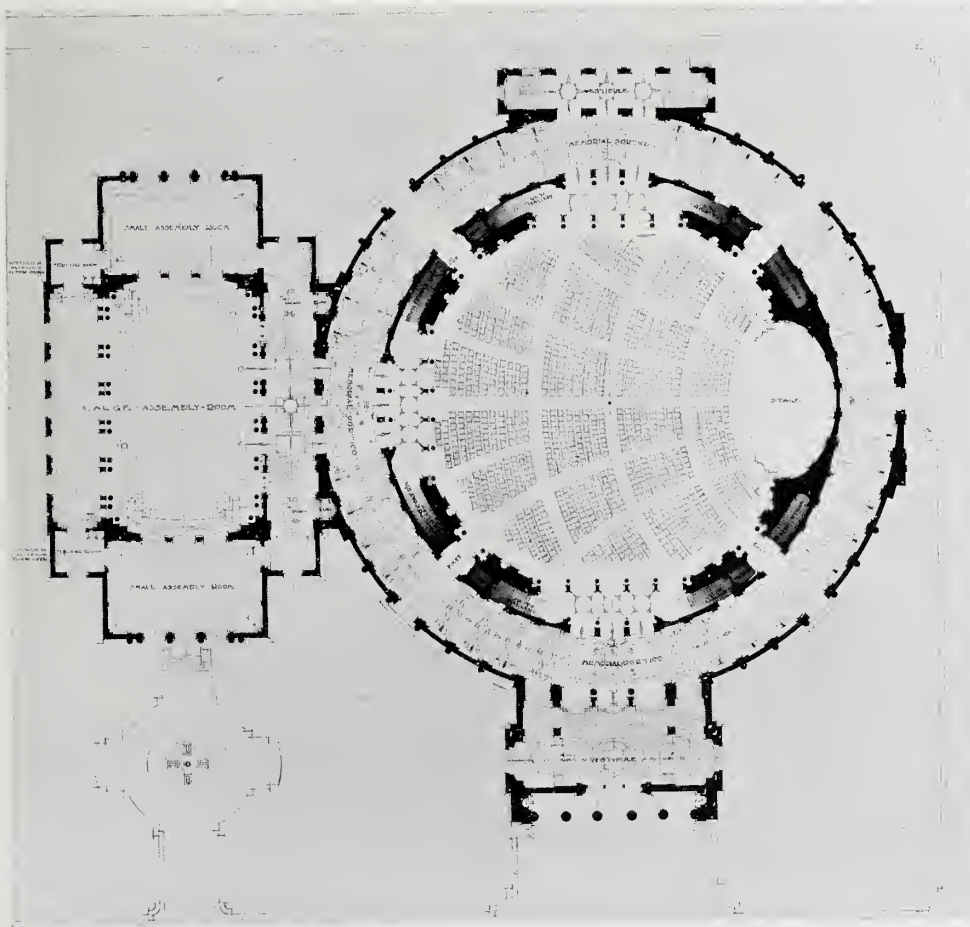
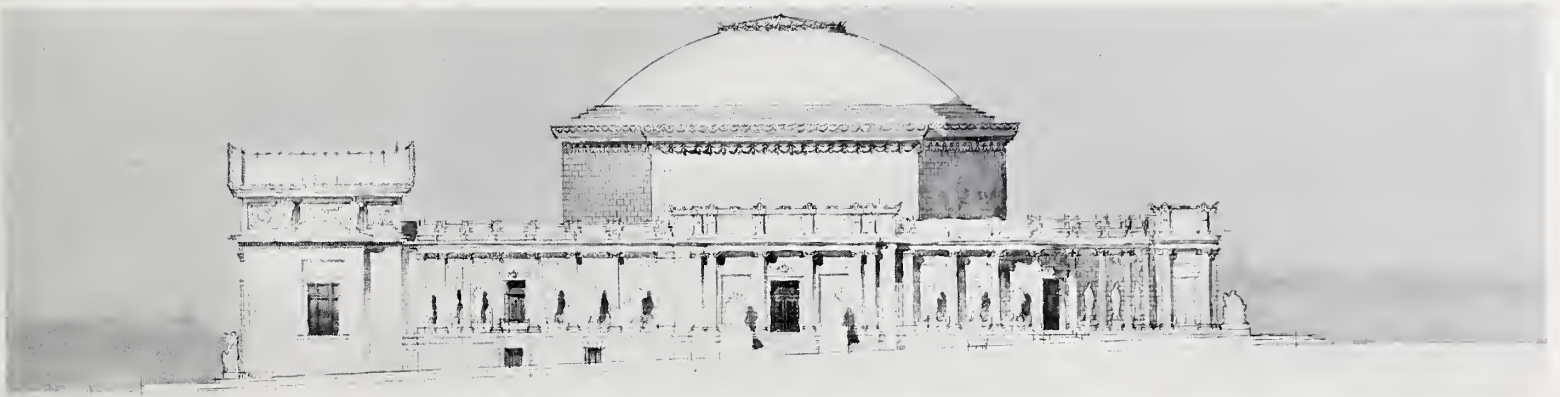
FIRST AND SECOND FLOOR PLANS



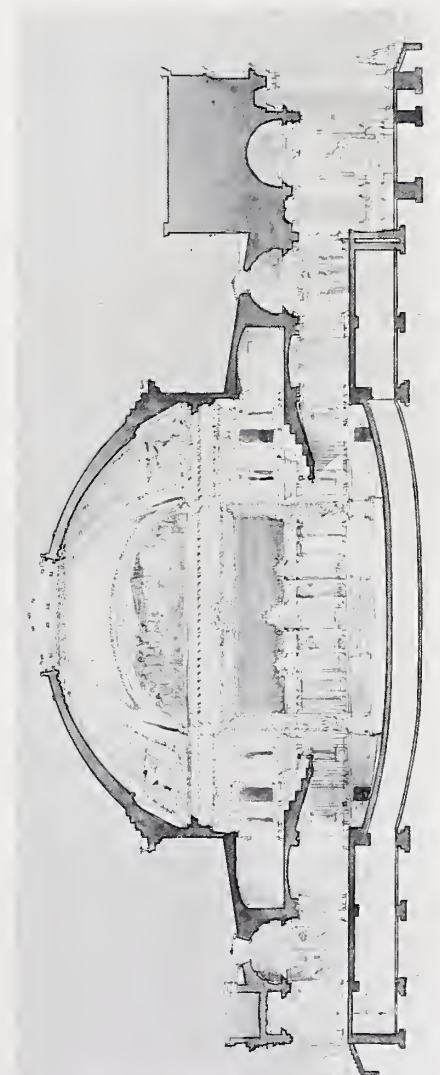
ELEVATIONS AND MINOR PLAN



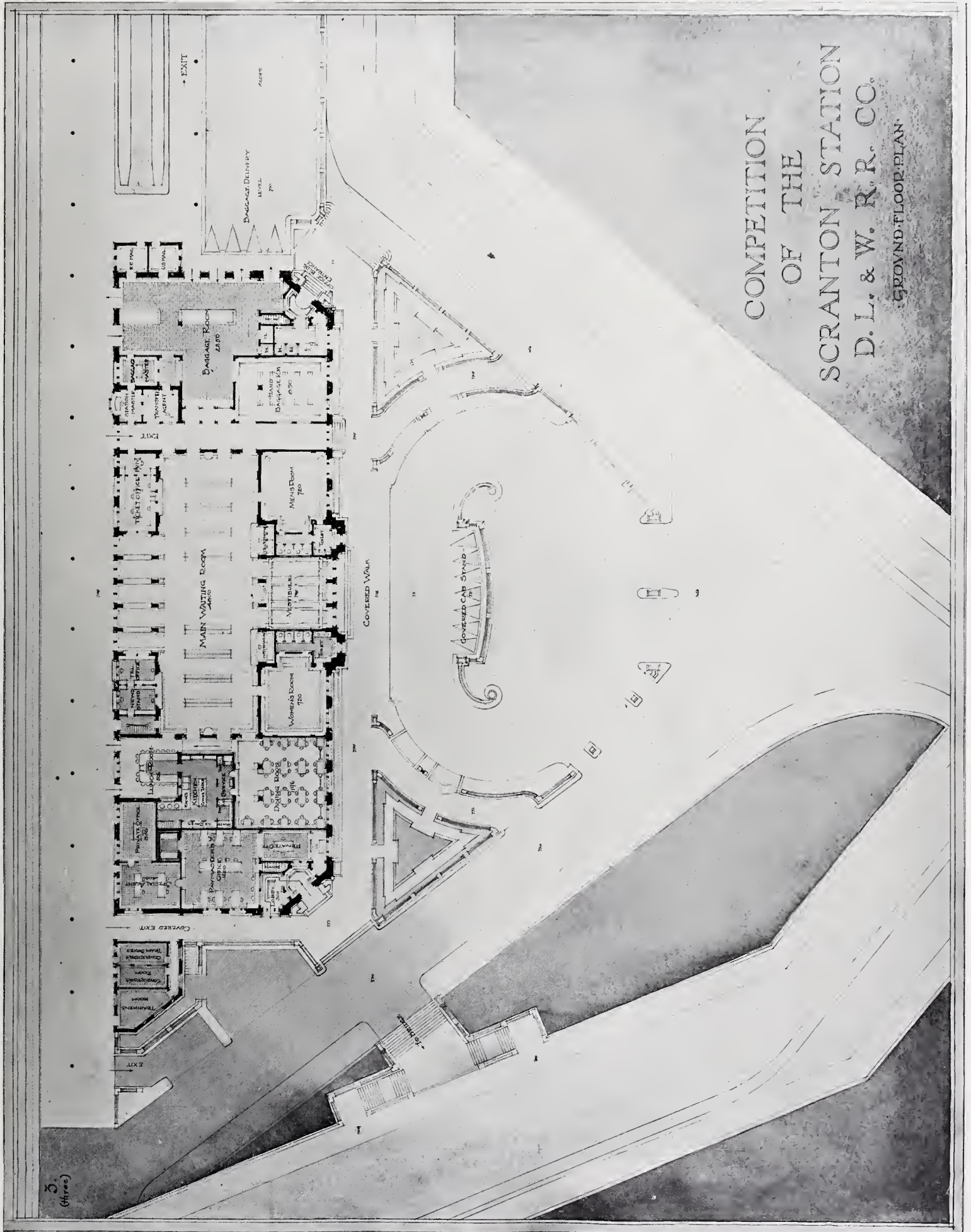
GRANT BOULEVARD ELEVATION



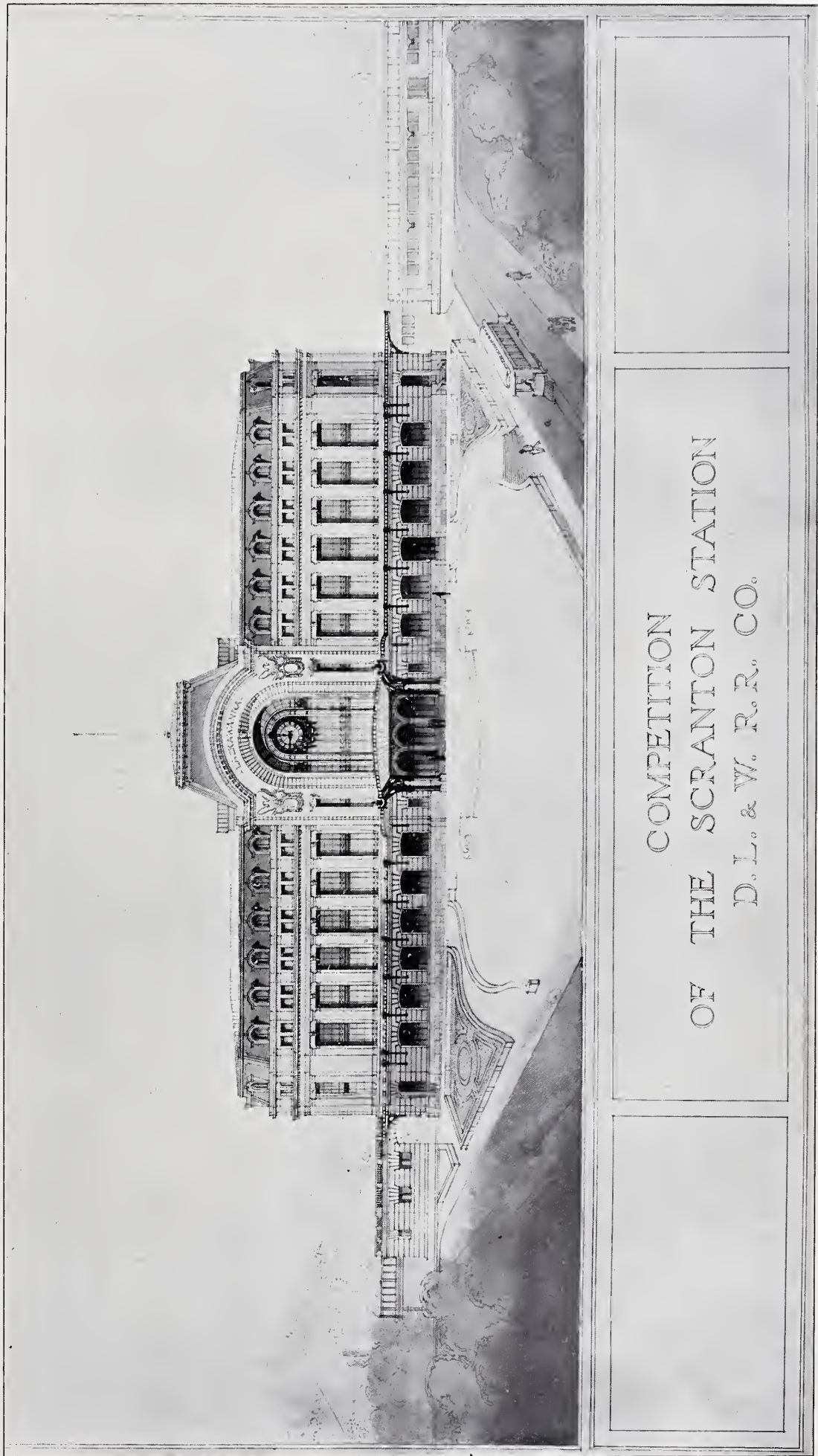
FIRST FLOOR PLAN



TRANSVERSE SECTION

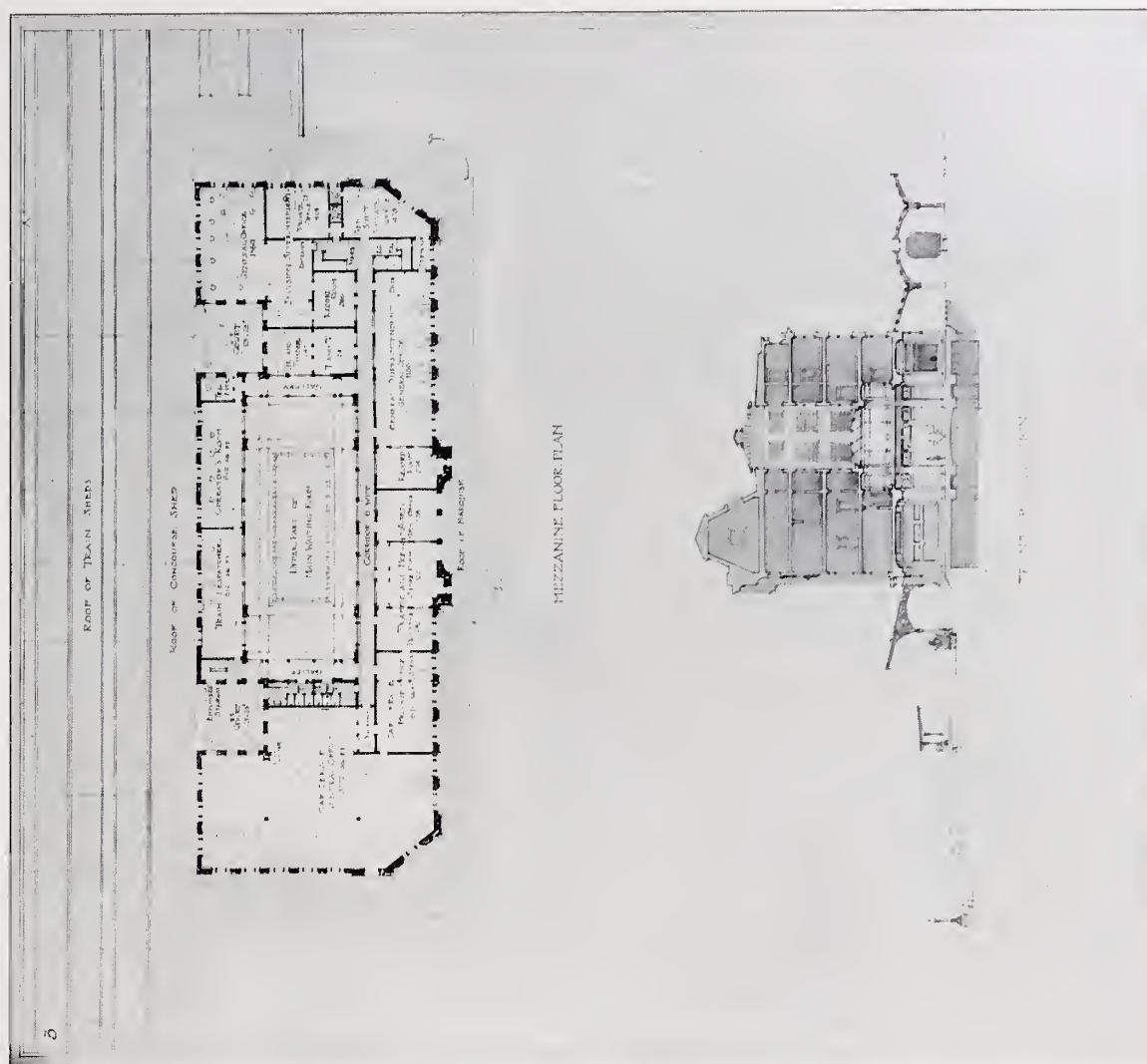


GROUND FLOOR PLAN

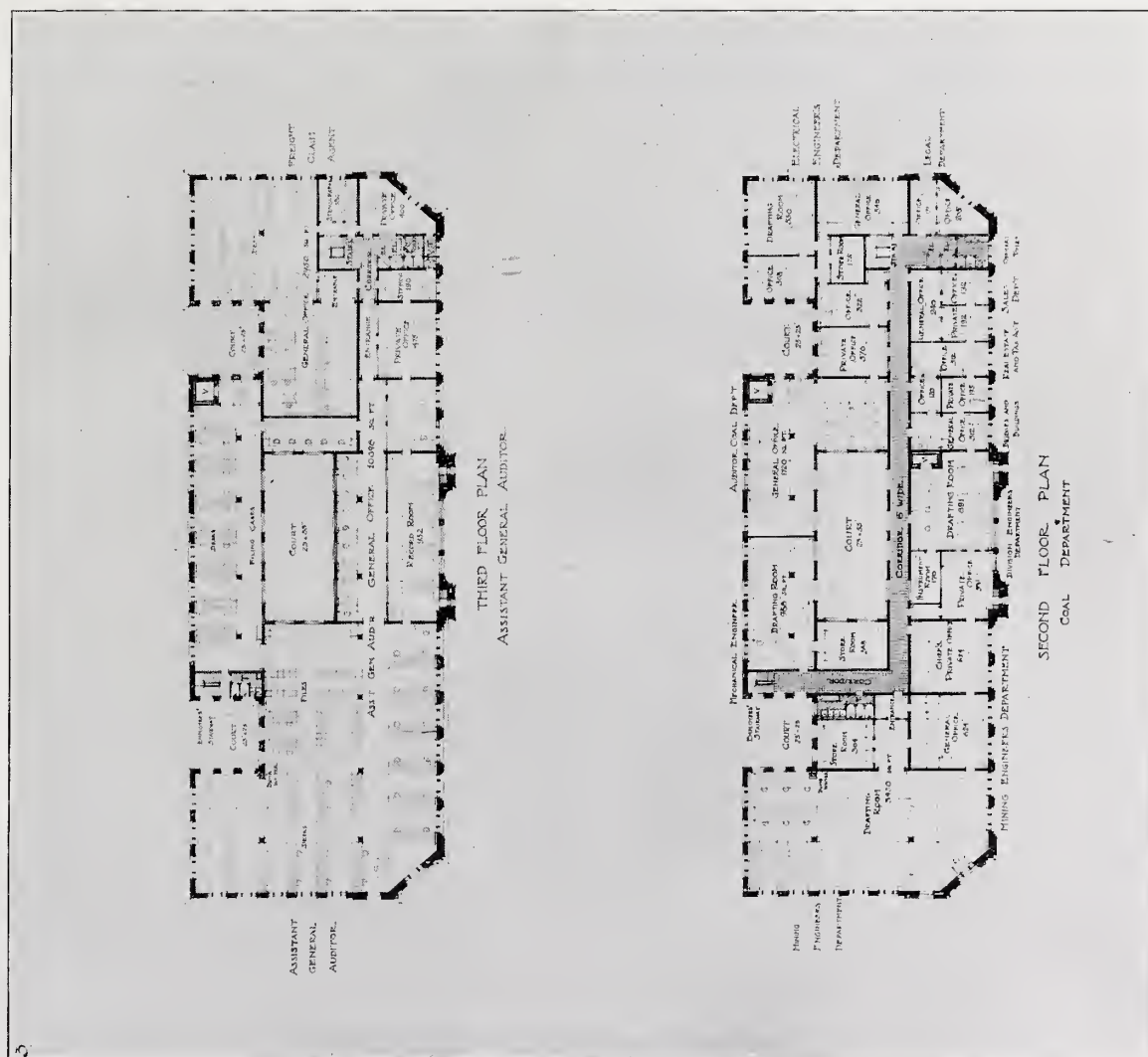


D., L. & W. R. R. STATION, SCRANTON, PENNA.

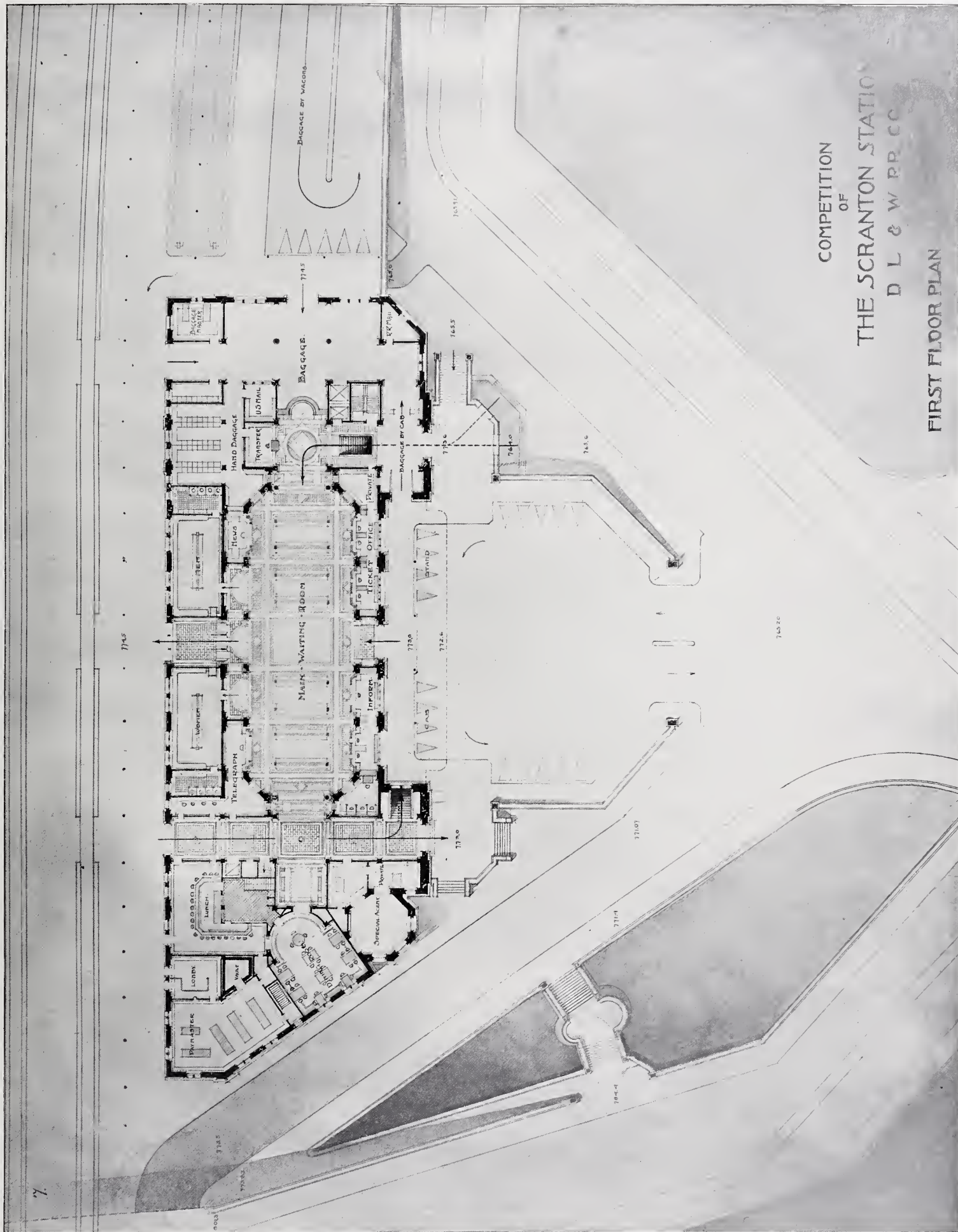
FIRST PRIZE—KENNETH M. MURCHISON, ARCHITECT



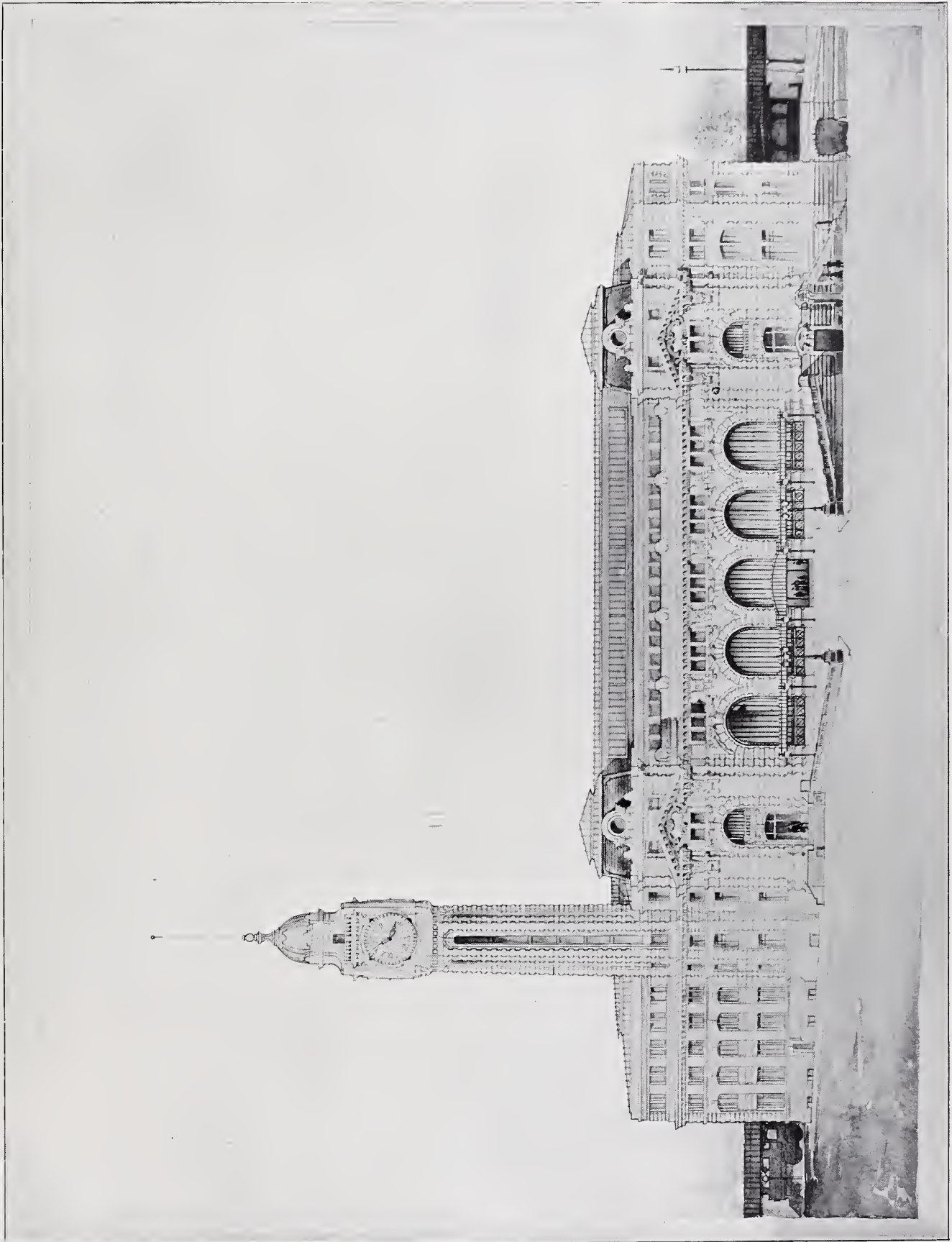
MEZZANINE FLOOR PLAN AND TRANSVERSE SECTION



SECOND AND THIRD FLOOR PLANS



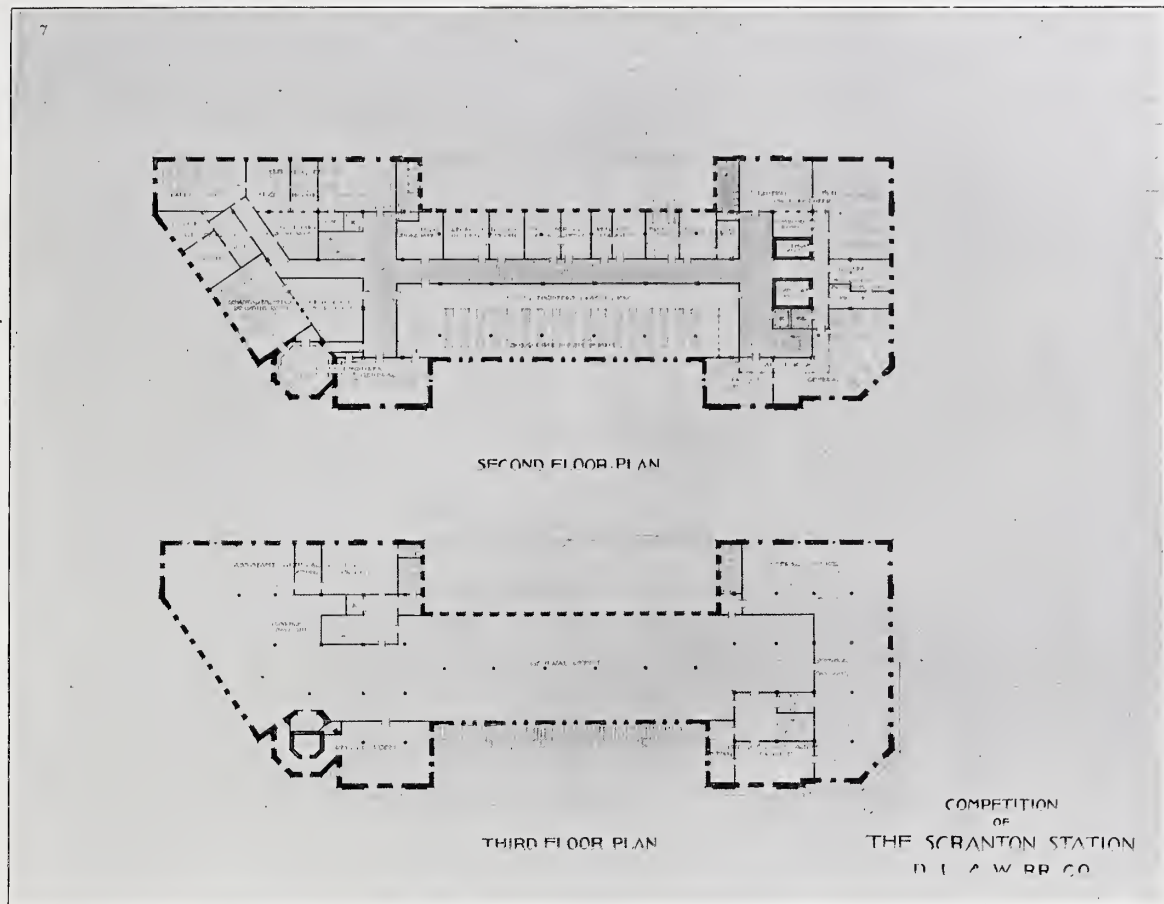
FIRST FLOOR PLAN



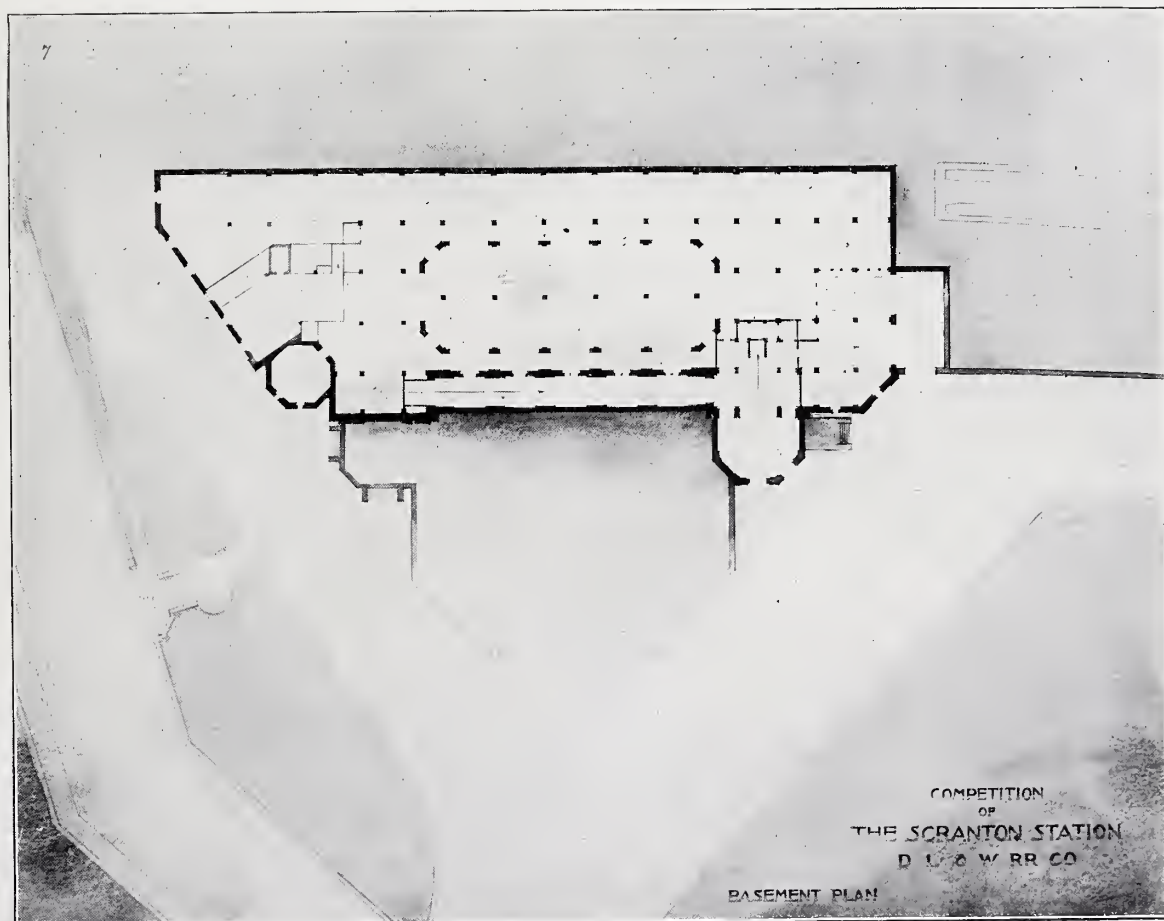
PRINCIPAL ELEVATION

D., L. & W. R. R. STATION, SCRANTON, PENNA.

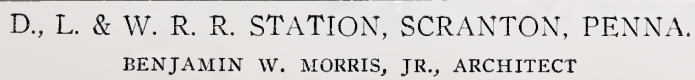
TROWBRIDGE & ACKERMAN AND H. W. WILKINSON, ASSOCIATED ARCHITECTS

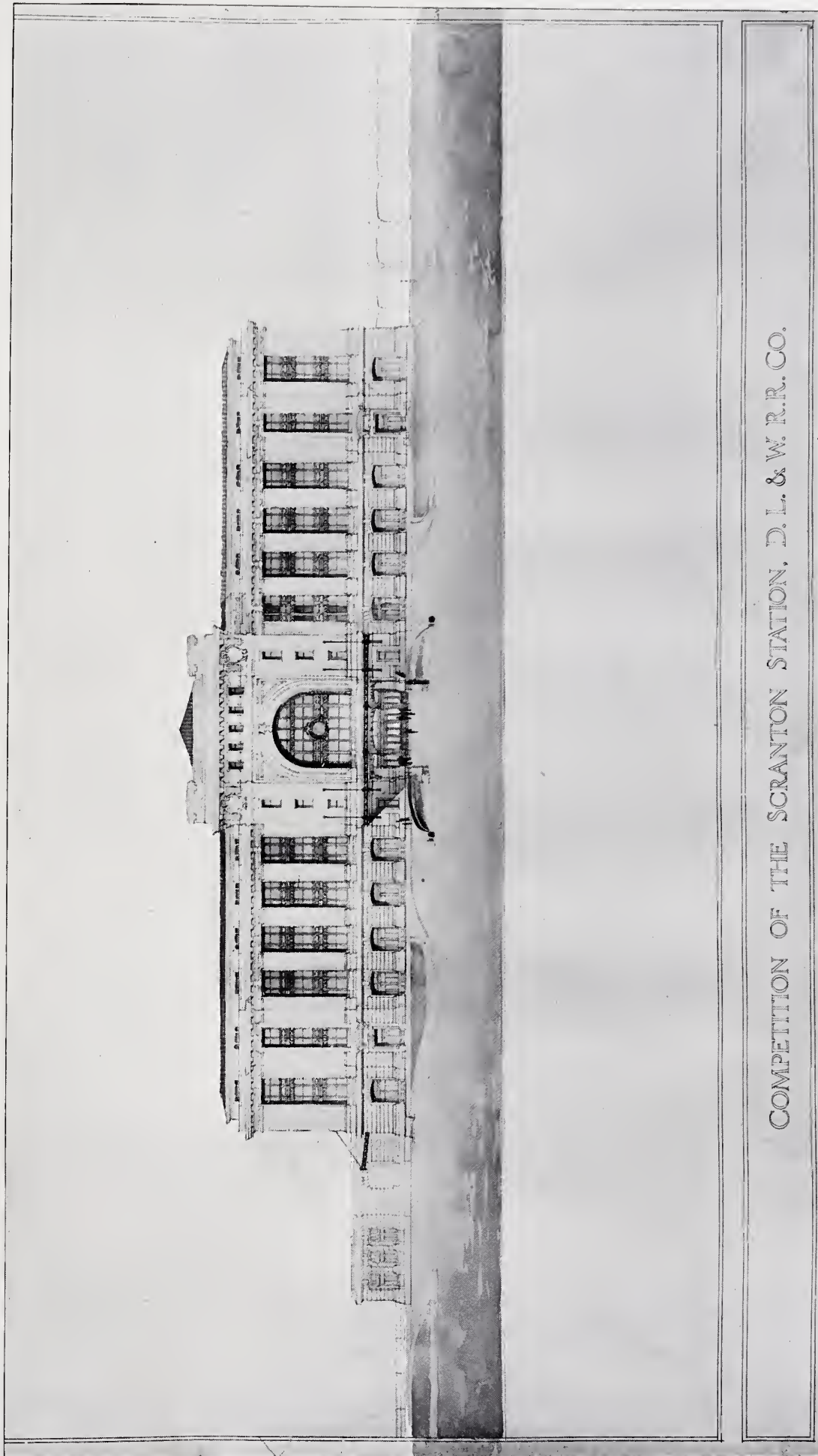


SECOND AND THIRD FLOOR PLANS



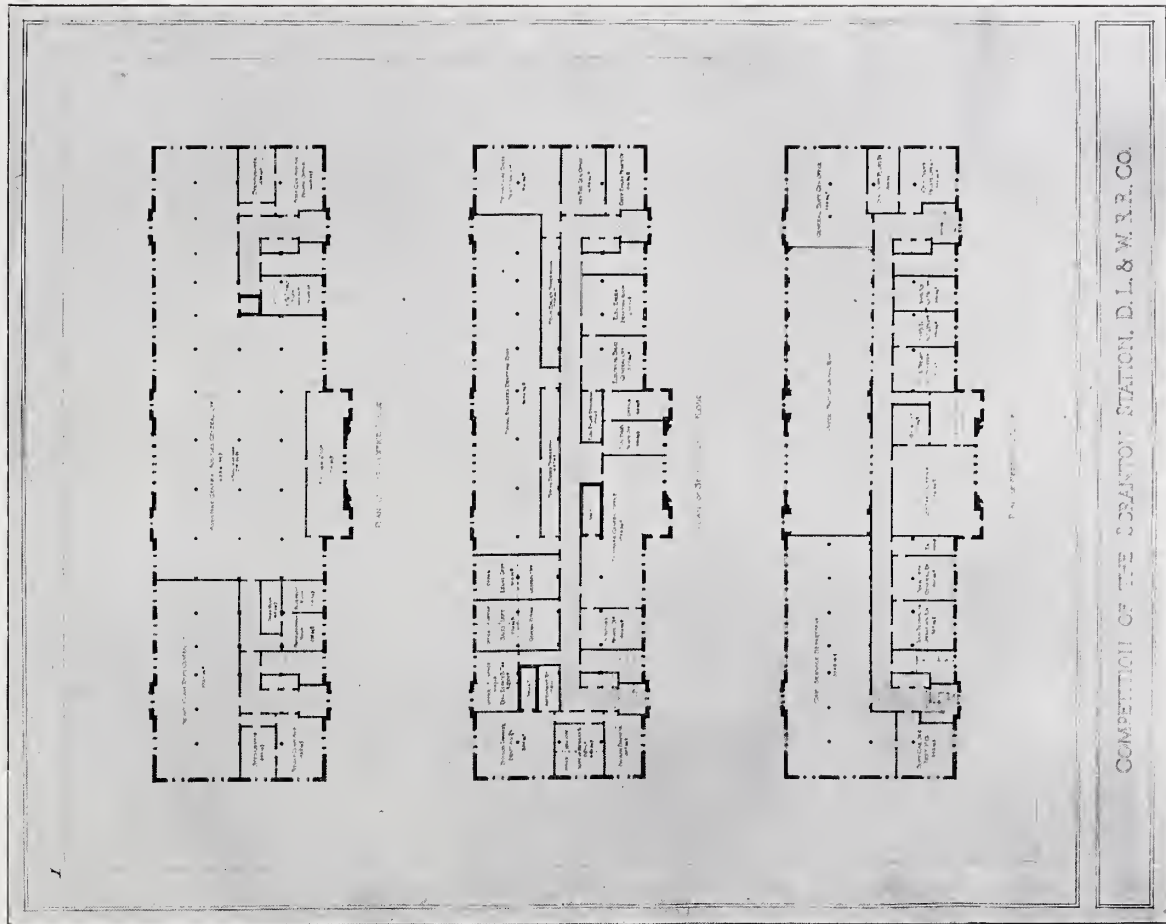
BASEMENT FLOOR PLAN



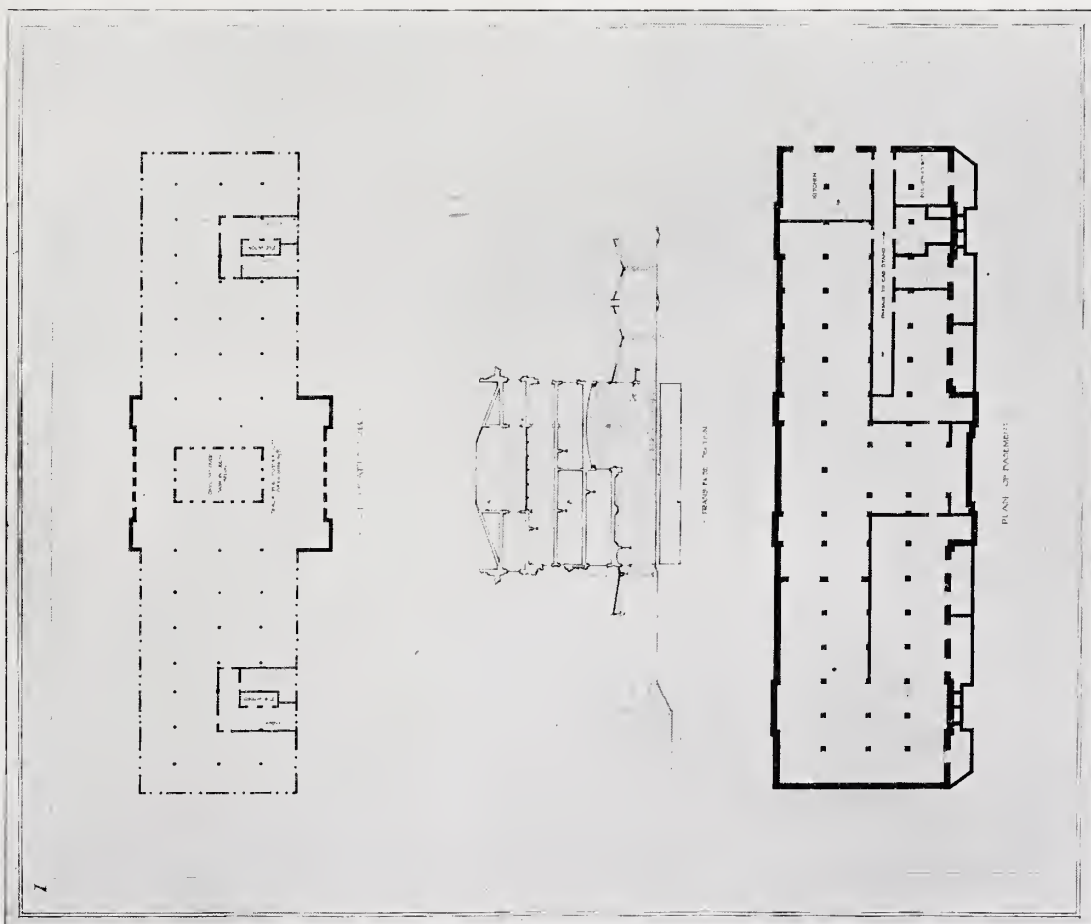


PRINCIPAL ELEVATION

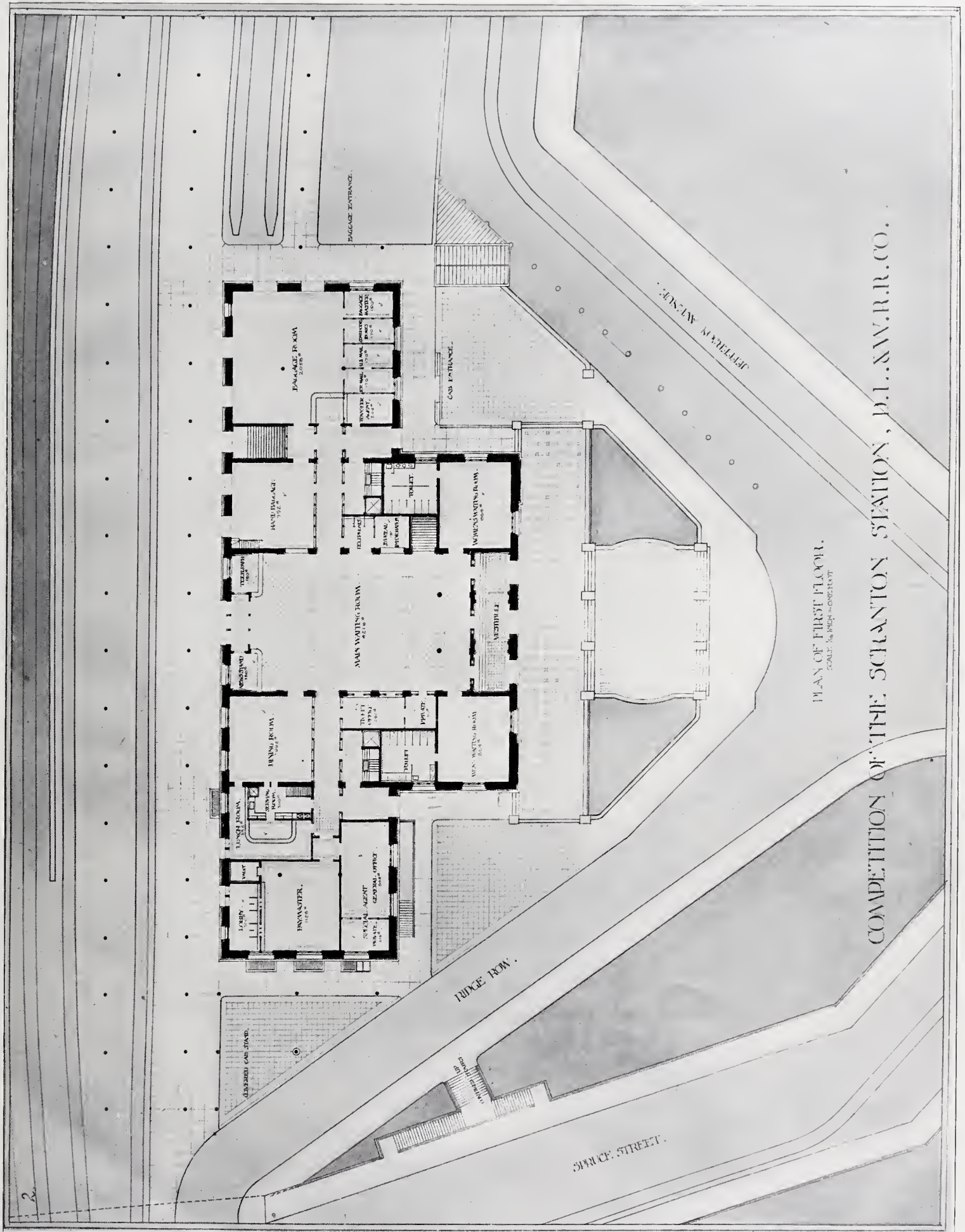
D., L. & W. R. R. STATION, SCRANTON, PENNA.
BENJAMIN W. MORRIS, JR., ARCHITECT



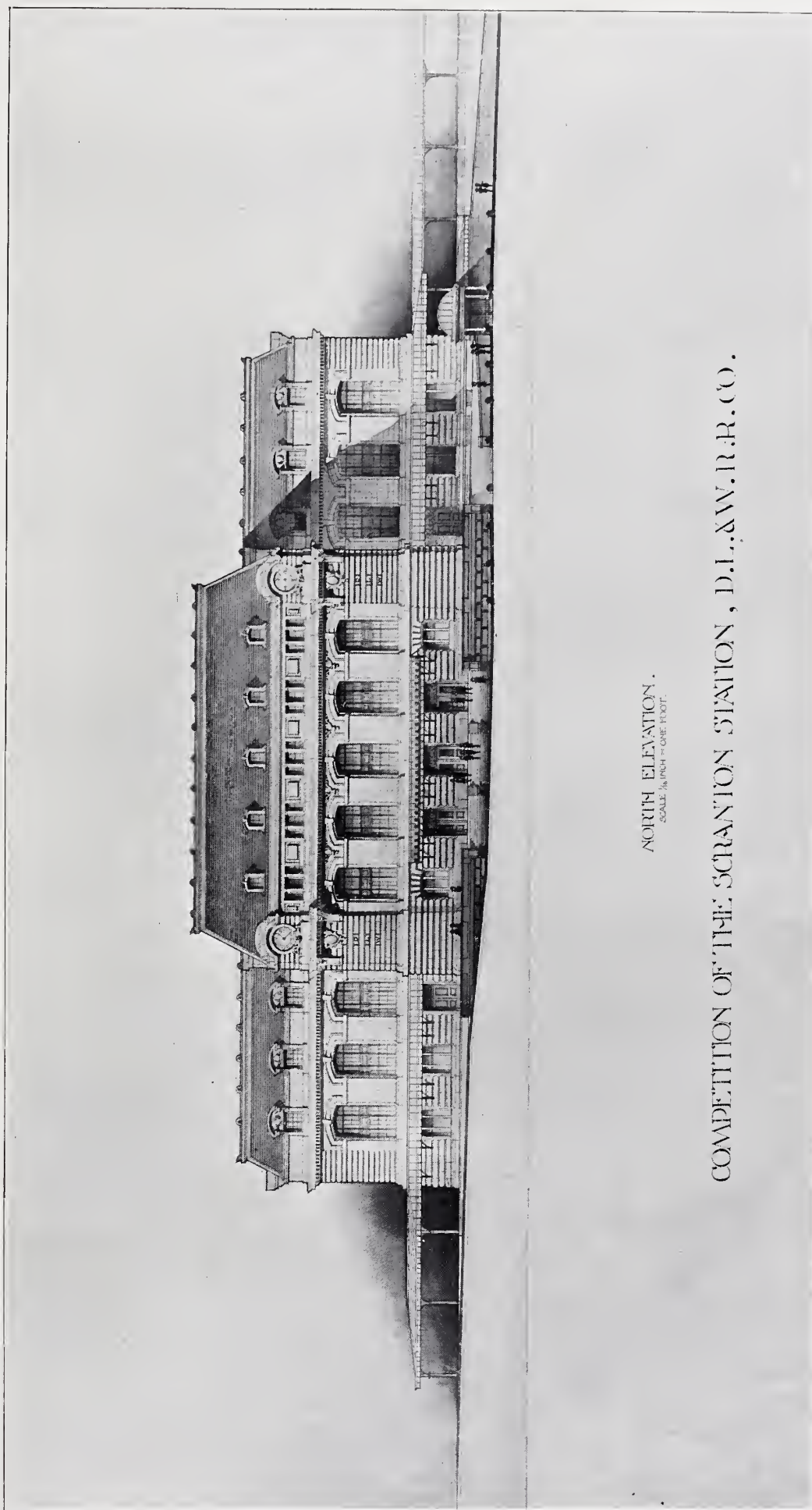
MEZZANINE, SECOND AND THIRD FLOOR PLANS



BASEMENT AND ATTIC FLOOR PLANS AND TRANSVERSE SECTION

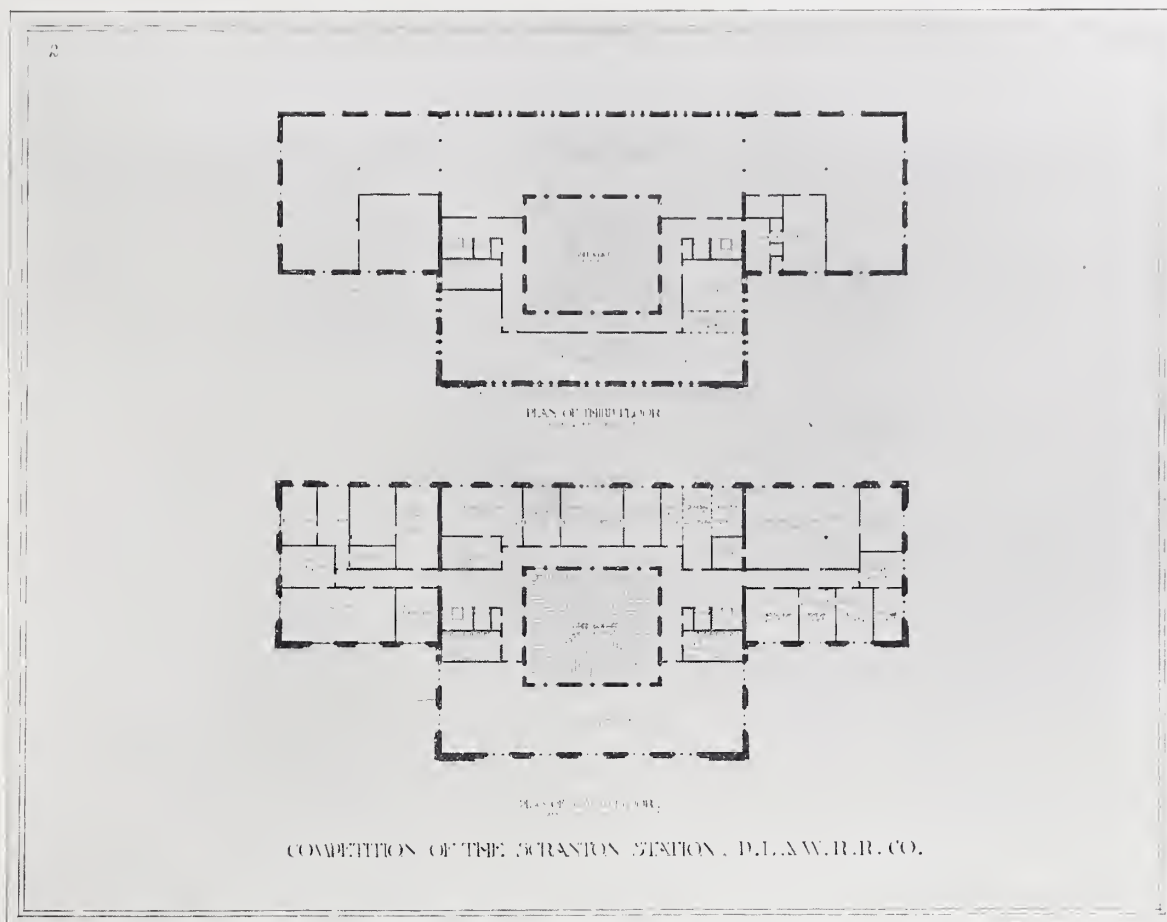


D. L. & W. R. R. STATION, SCRANTON, PENNA.
RANKIN, KELLOGG & CRANE, ARCHITECTS

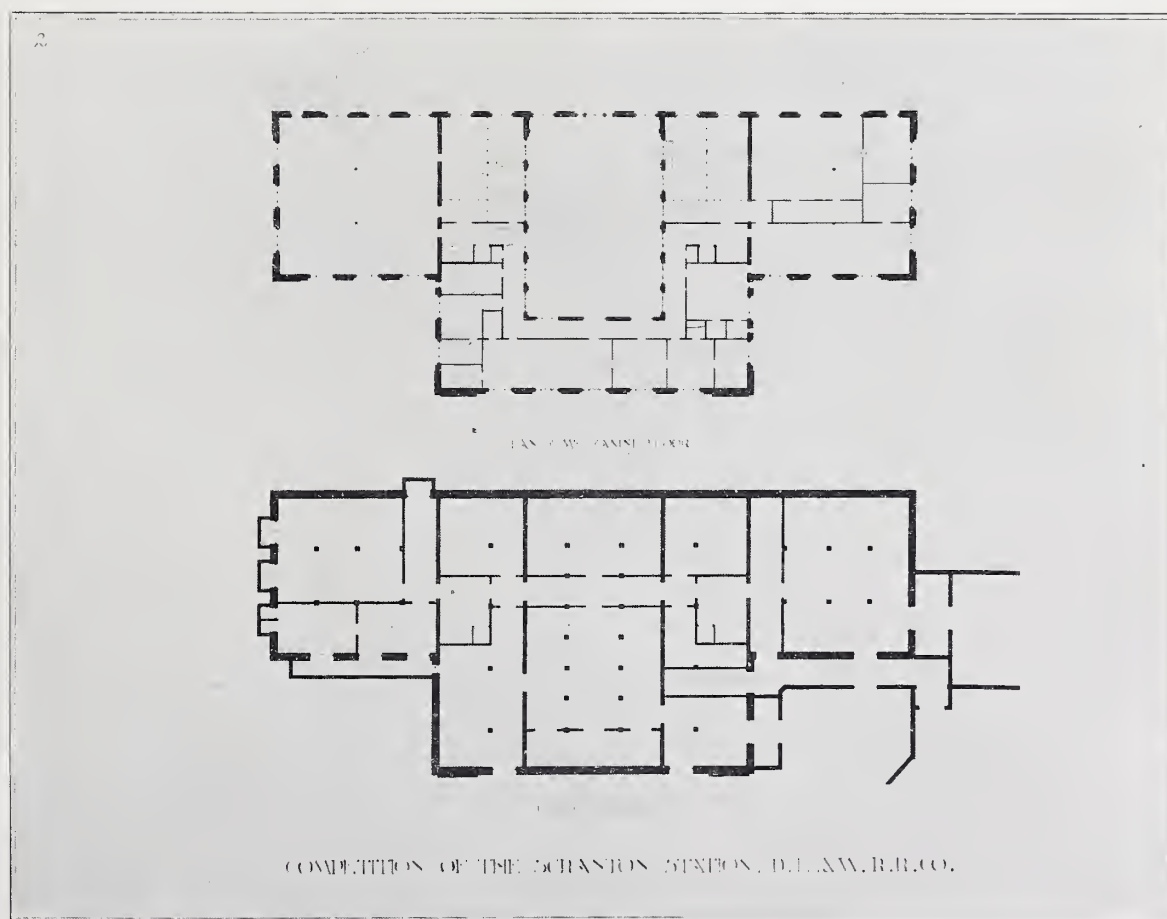


D., L. & W. R. R. STATION, SCRANTON, PENNA.

RANKIN, KELLOGG & CRANE, ARCHITECTS

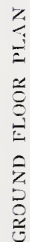


SECOND AND THIRD FLOOR PLANS

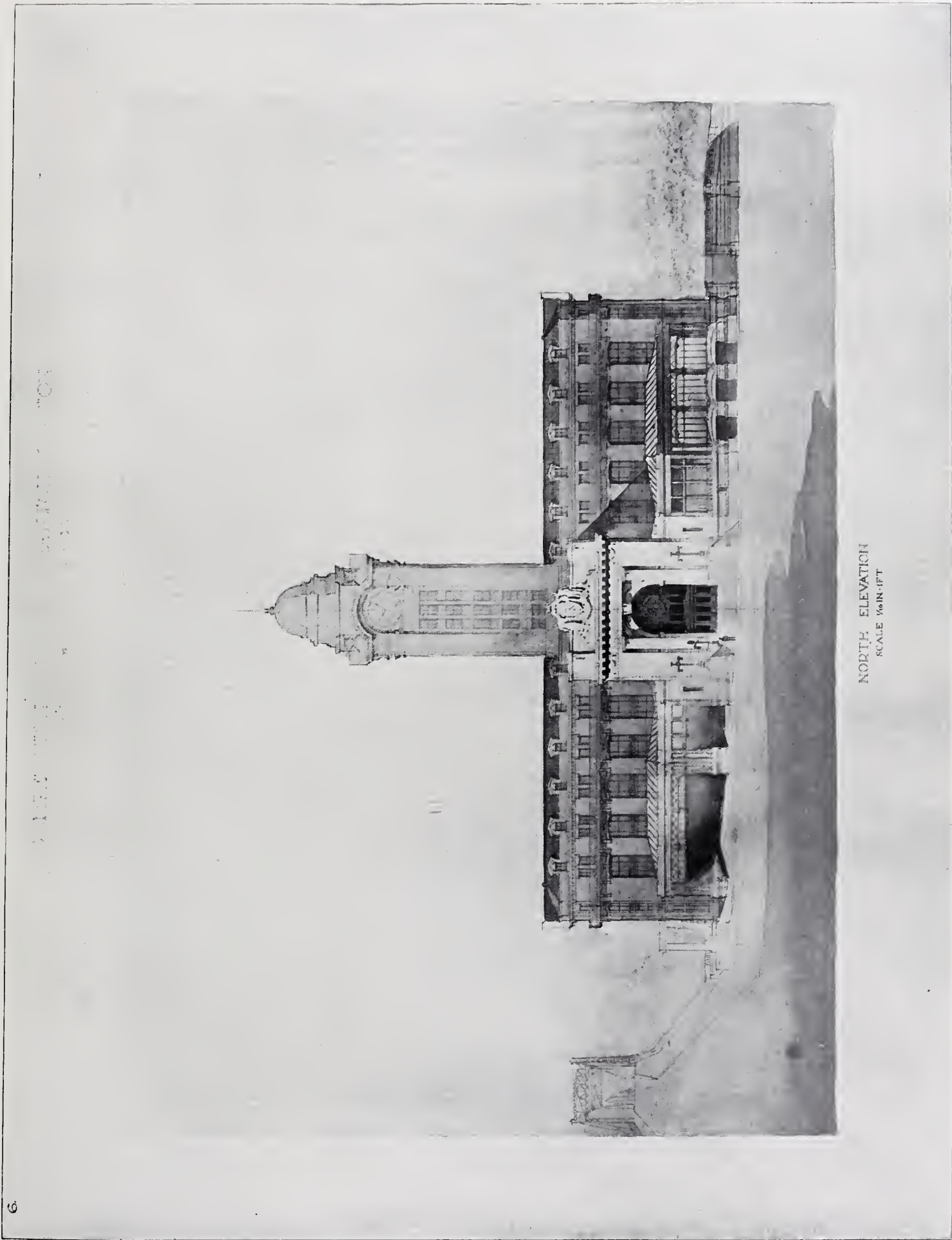


BASEMENT AND MEZZANINE FLOOR PLANS





D., L. & W. R. R. STATION, SCRANTON, PENNA.
HALE & ROGERS, ARCHITECTS

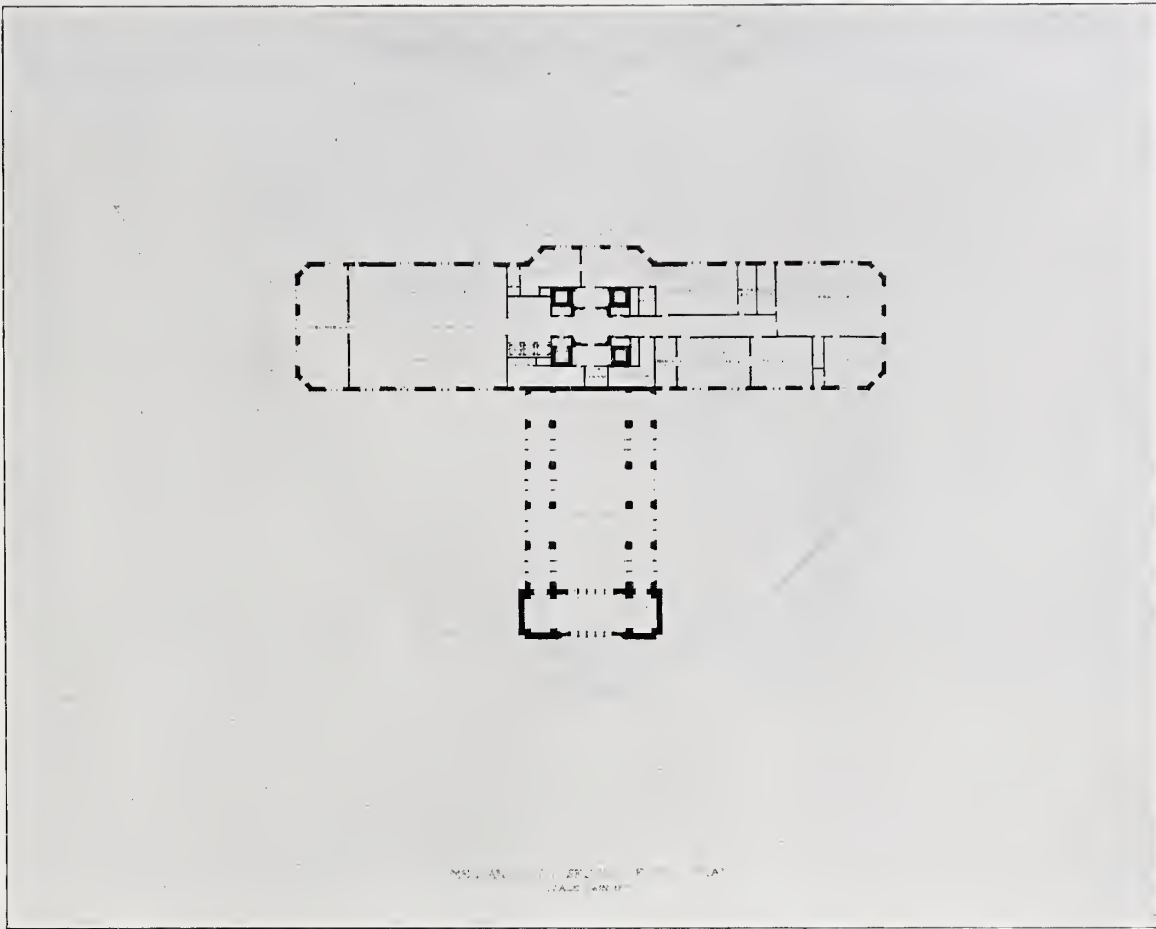


6

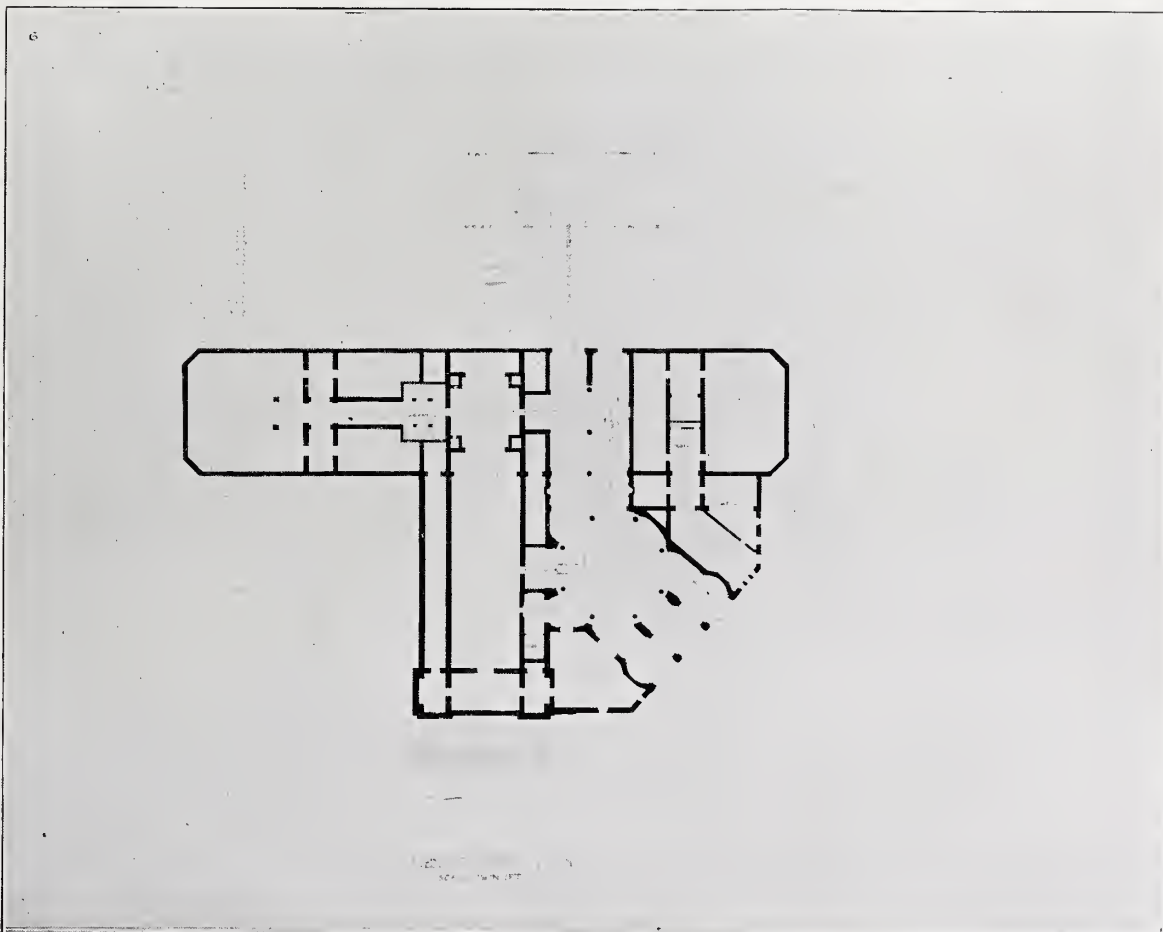
D., L. & W. R. R. STATION, SCRANTON, PENNA.

HALE & ROGERS, ARCHITECTS

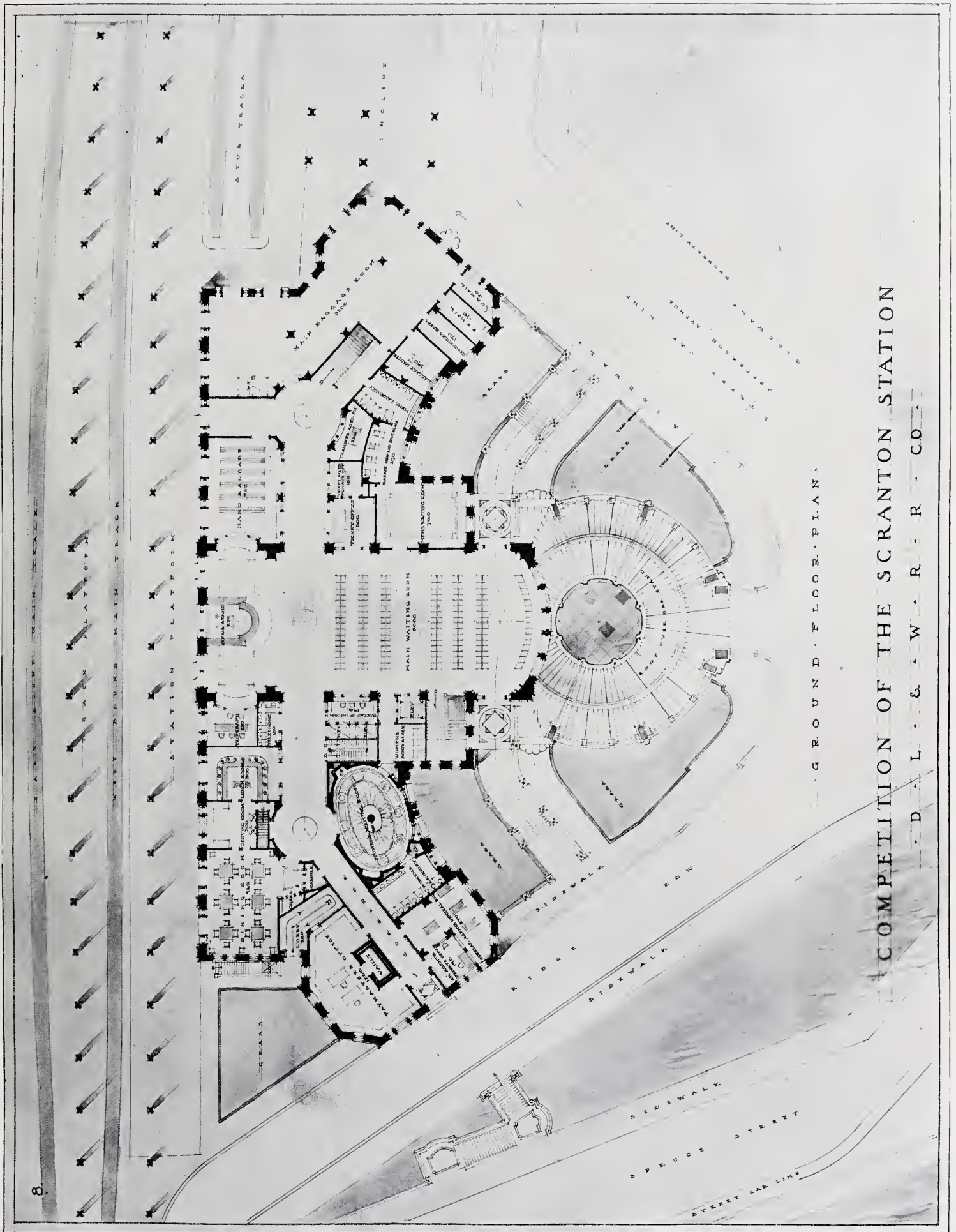
PRINCIPAL ELEVATION



MEZZANINE OR SECOND FLOOR PLAN



BASEMENT FLOOR PLAN

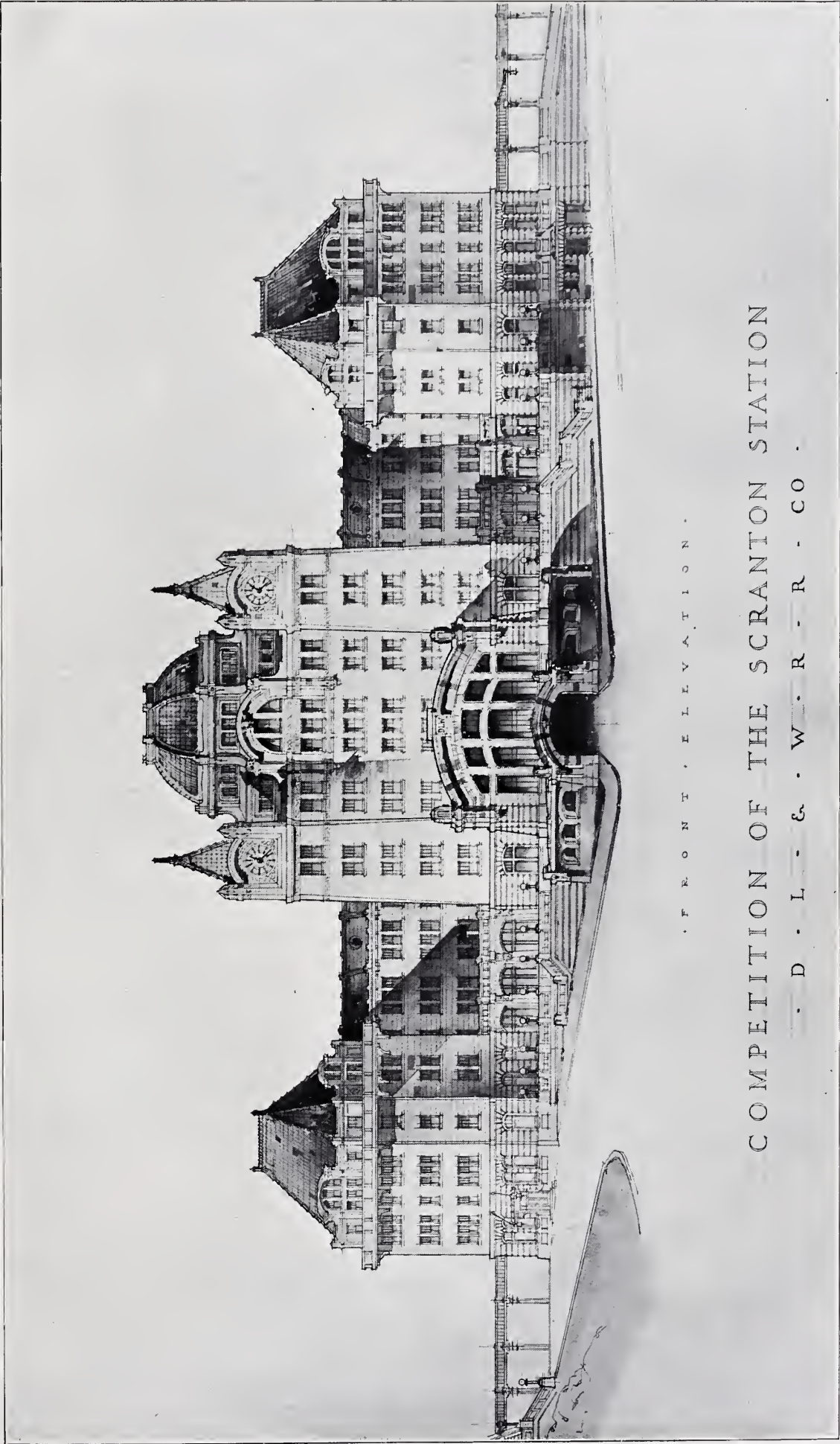


COMPETITION OF THE SCRANTON STATION

D. L. & W. R. R. CO.

GROUND FLOOR PLAN

GROUND FLOOR PLAN

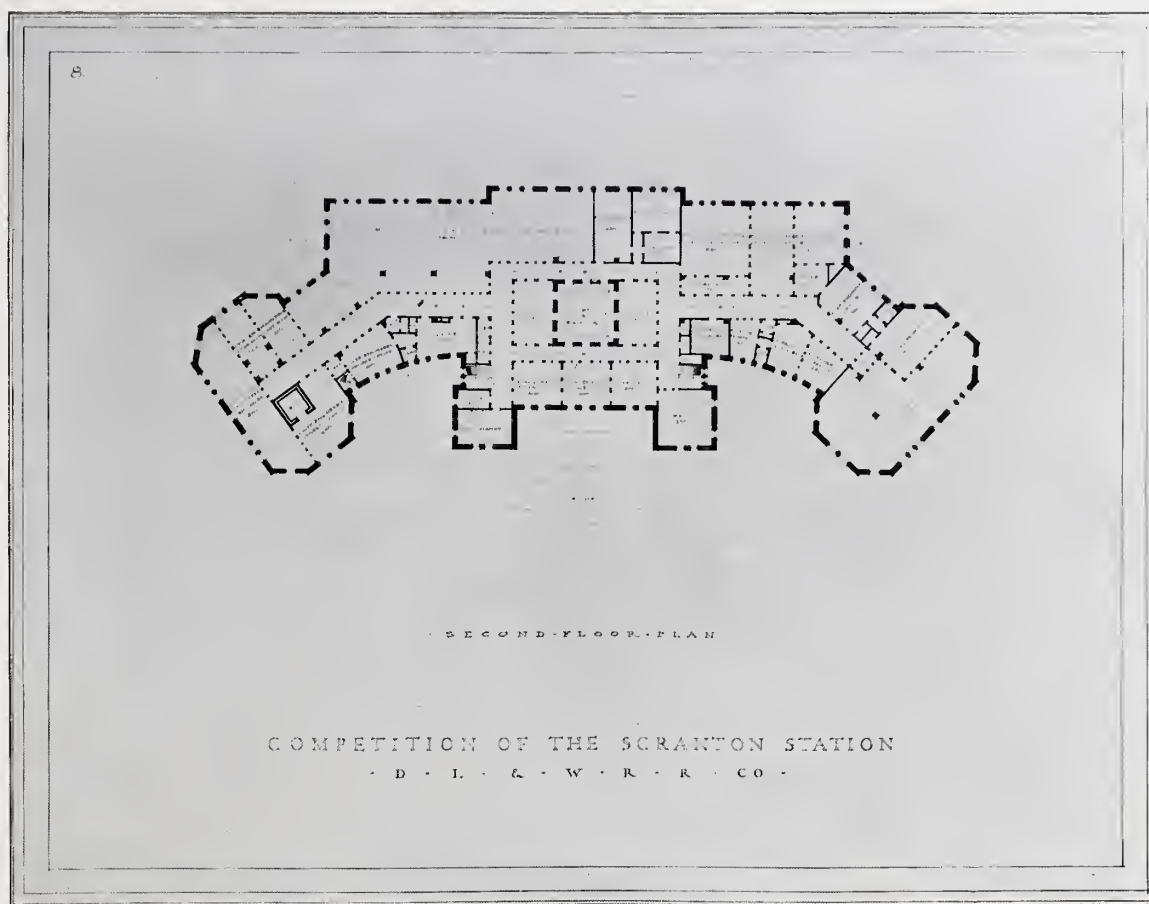


· F R O N T · E L E V A T I O N ·

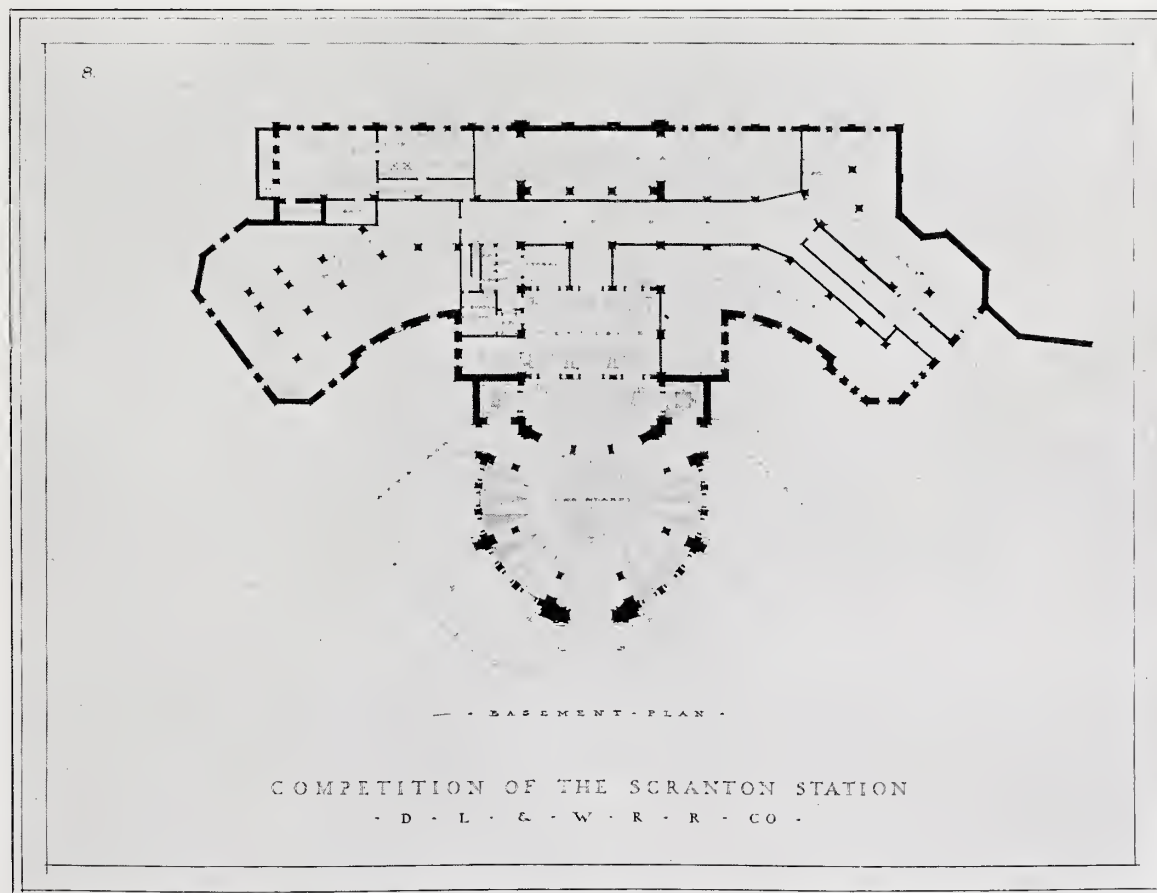
COMPETITION OF THE SCRANTON STATION
· D · L · & · W · R · R · C O ·

PRINCIPAL ELEVATION

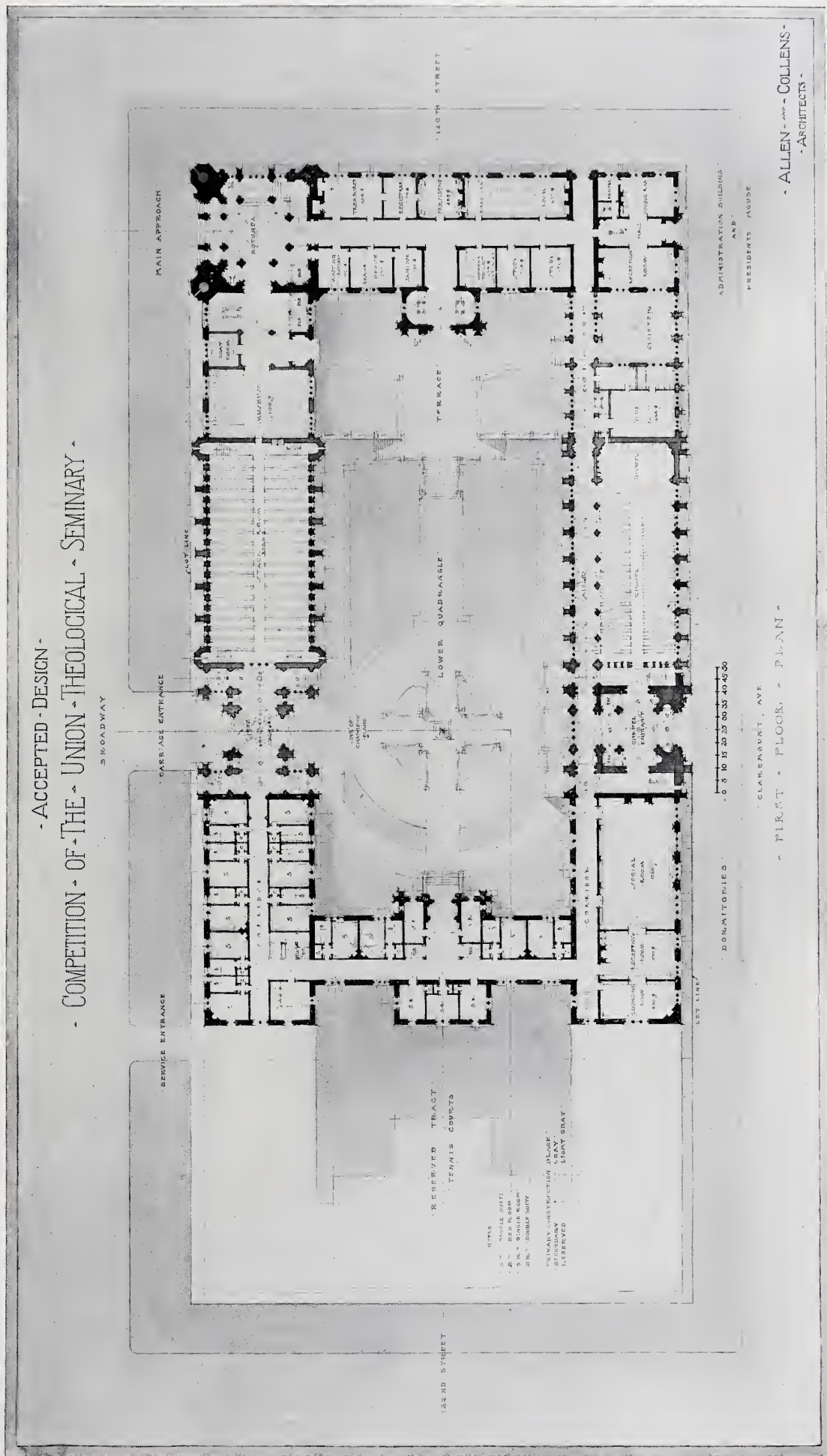
D., L. & W. R. R. STATION, SCRANTON, PENNA.
PRICE & MC LANAHAN, ARCHITECTS



SECOND FLOOR PLAN



BASEMENT FLOOR PLAN

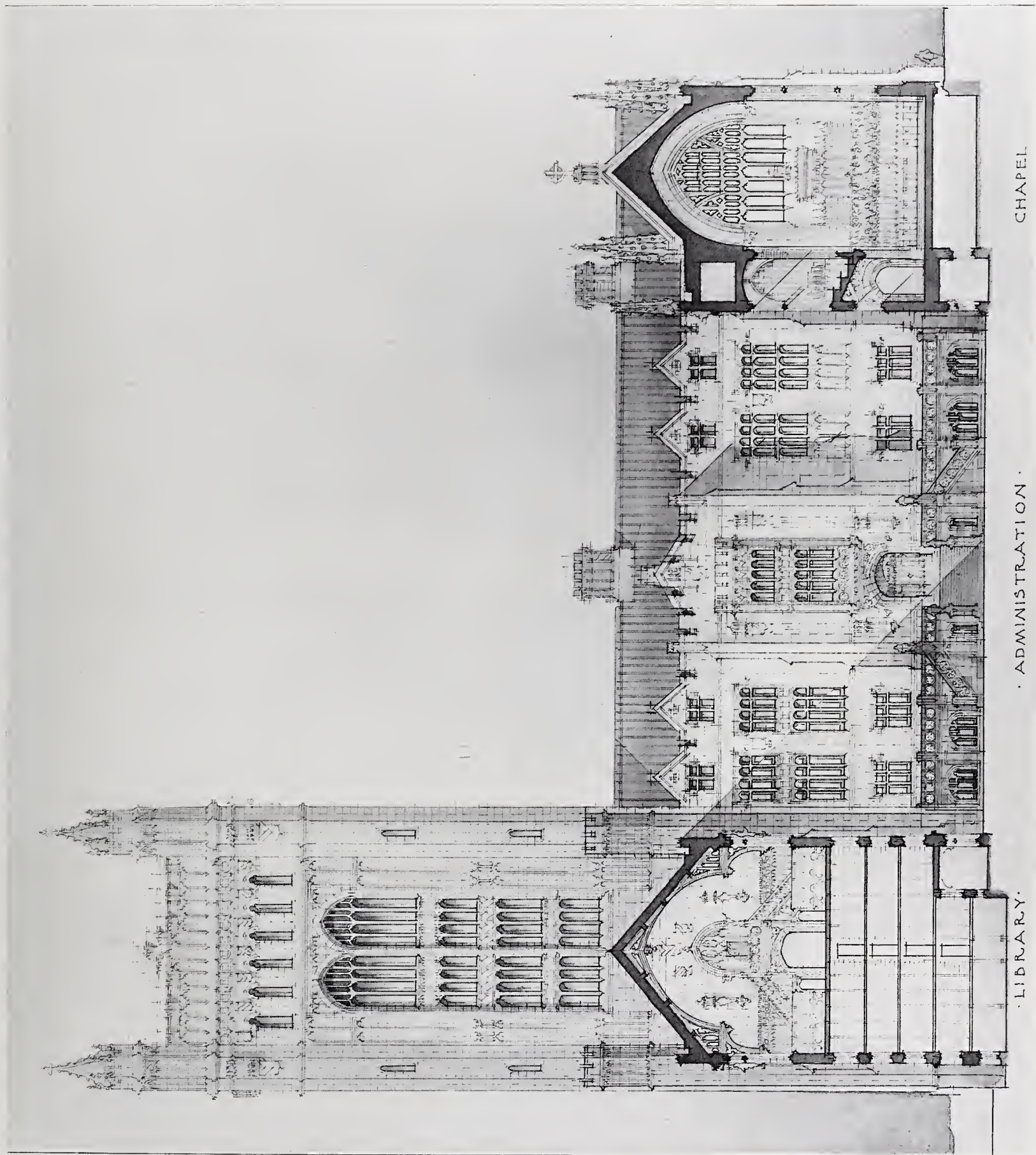




BROADWAY ELEVATION

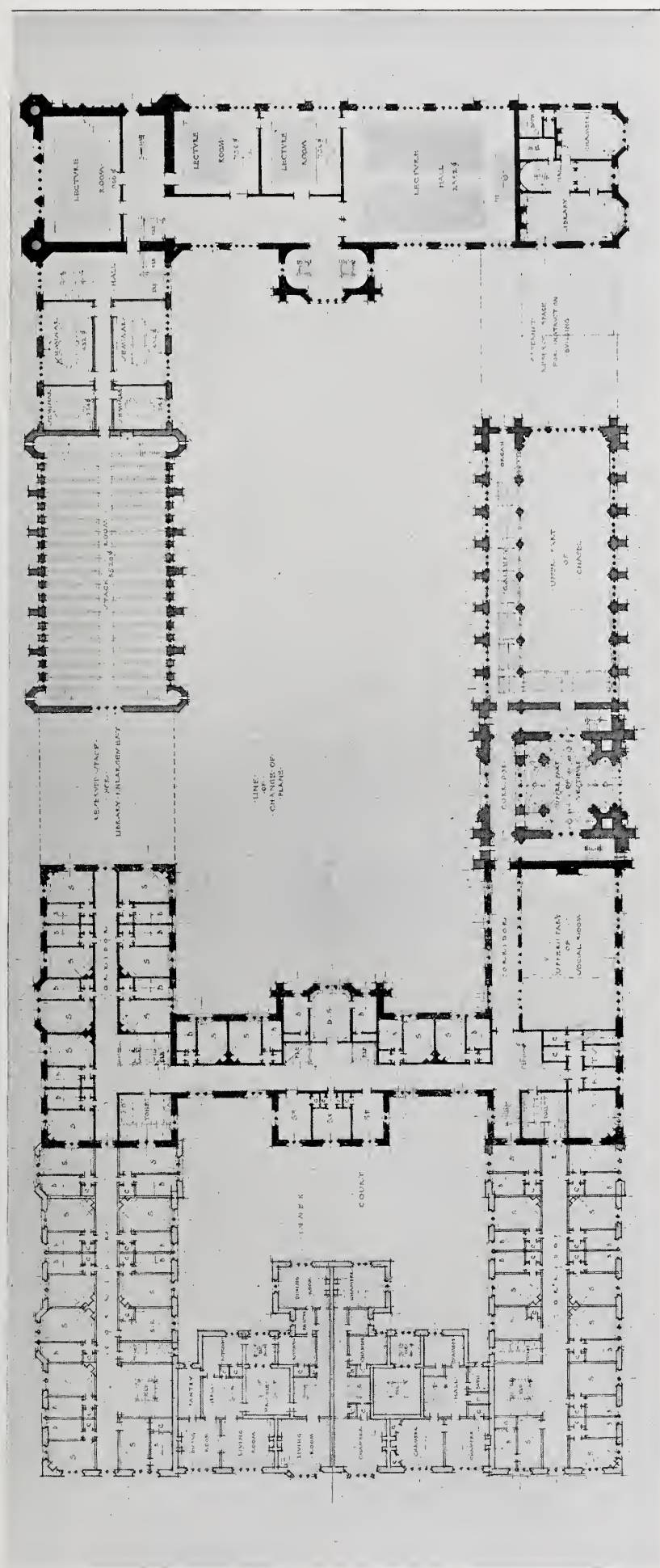


CLAREMONT AVENUE ELEVATION

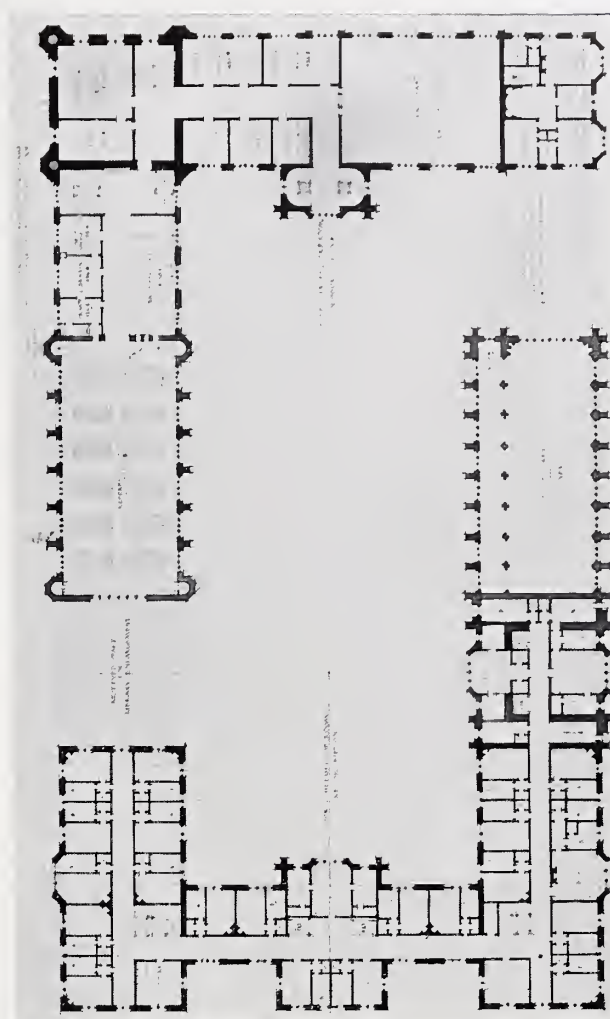


UNION THEOLOGICAL SEMINARY, NEW YORK CITY, NEW YORK

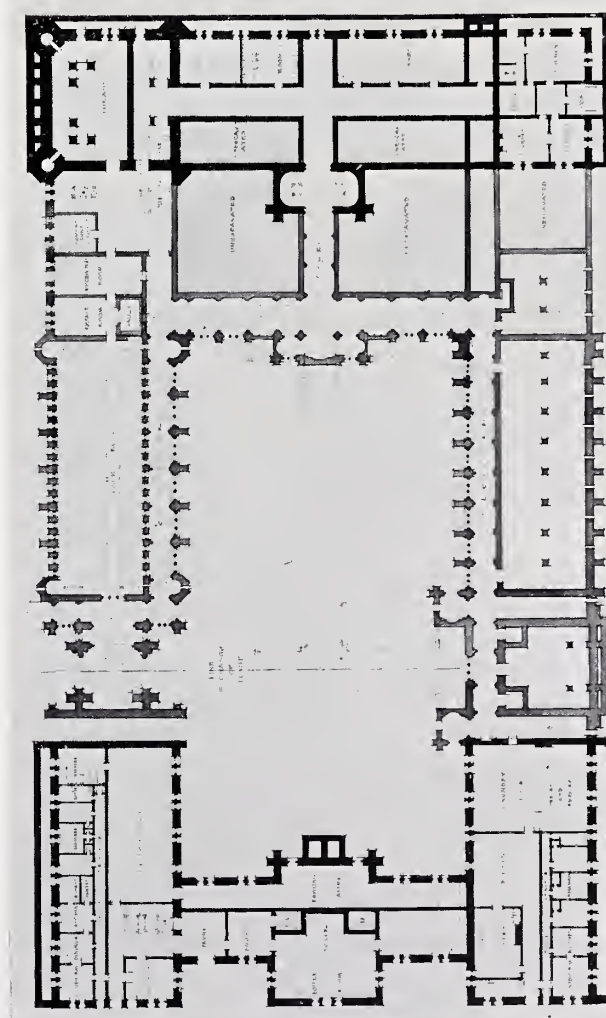
FIRST PRIZE—ALLEN & COLLENS, ARCHITECTS



SECOND FLOOR PLAN

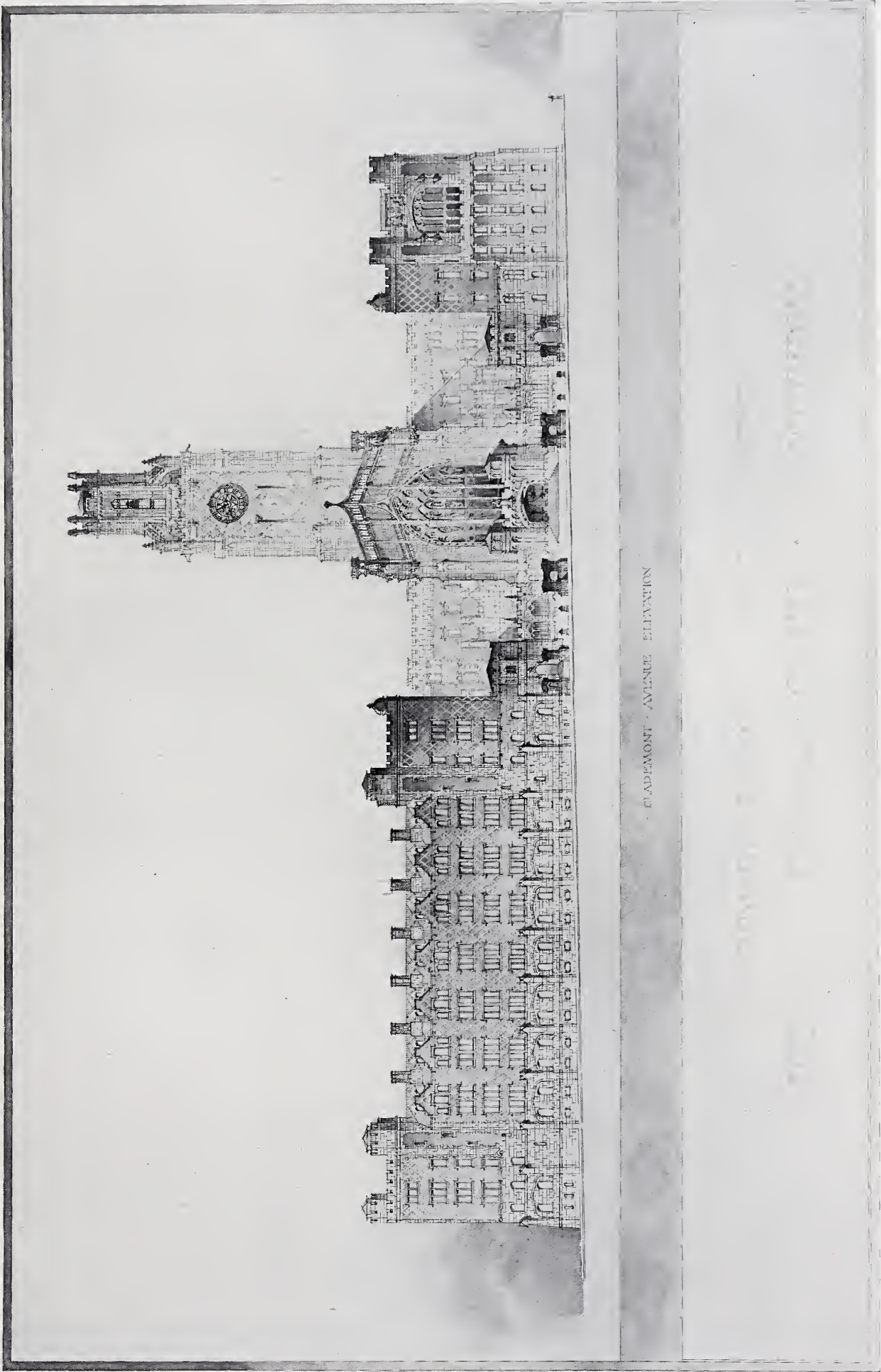


THIRD FLOOR PLAN



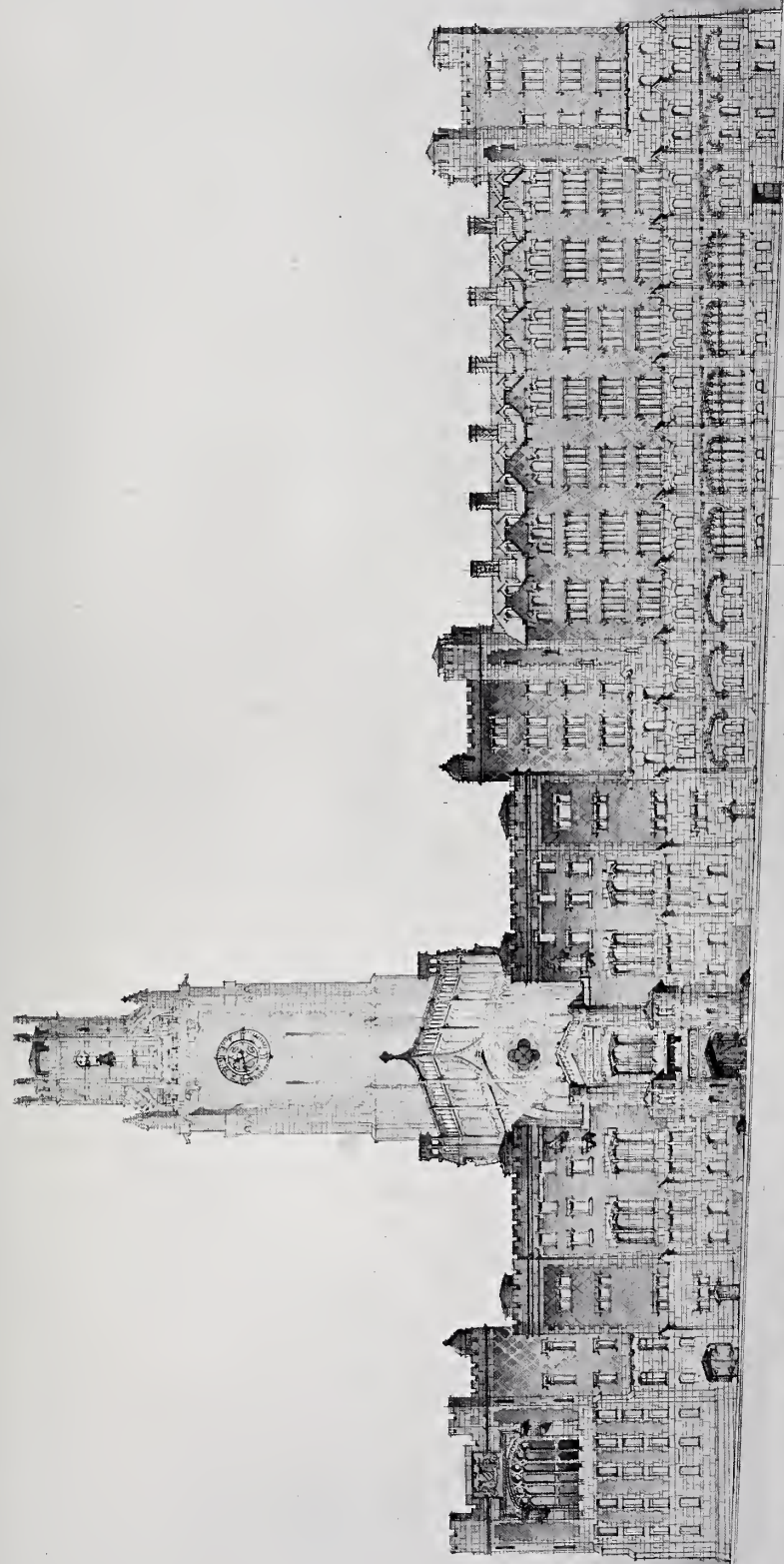
BASEMENT FLOOR PLAN





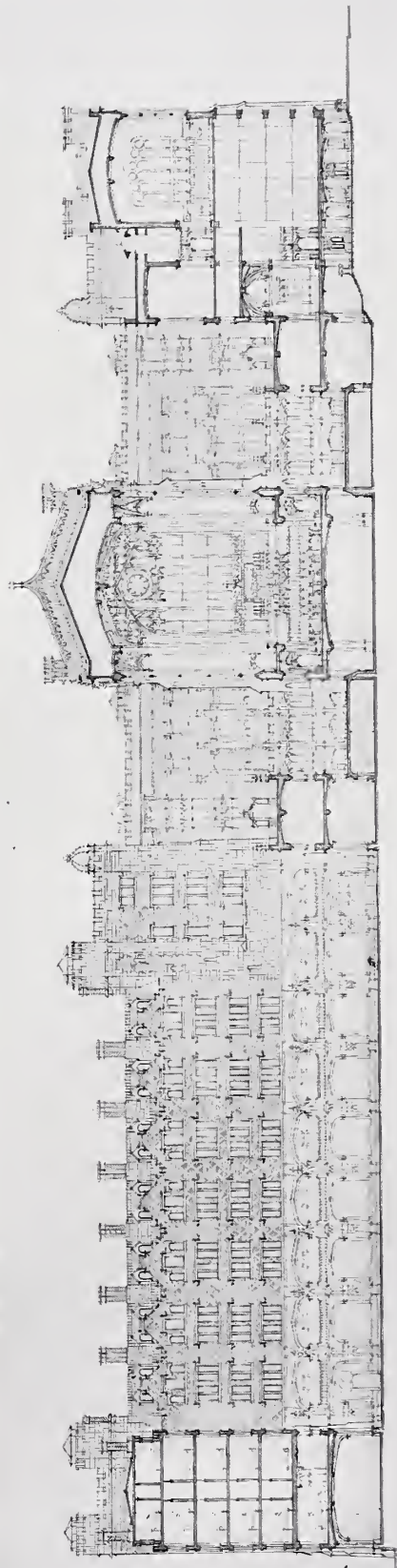
UNION THEOLOGICAL SEMINARY, NEW YORK CITY, NEW YORK
PLACED SECOND—HOWELLS & STOKES, ARCHITECTS



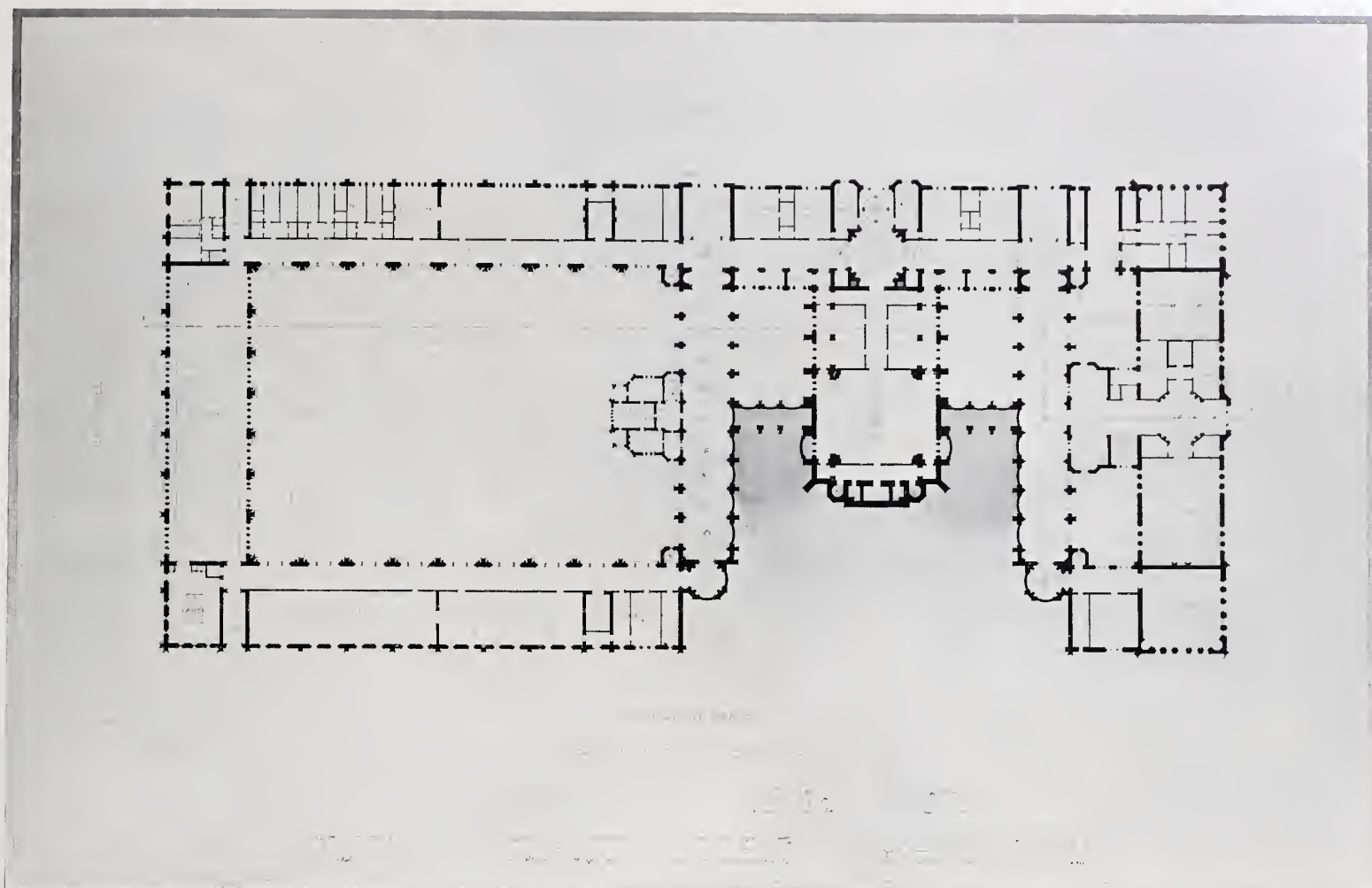


BROADWAY ELEVATION

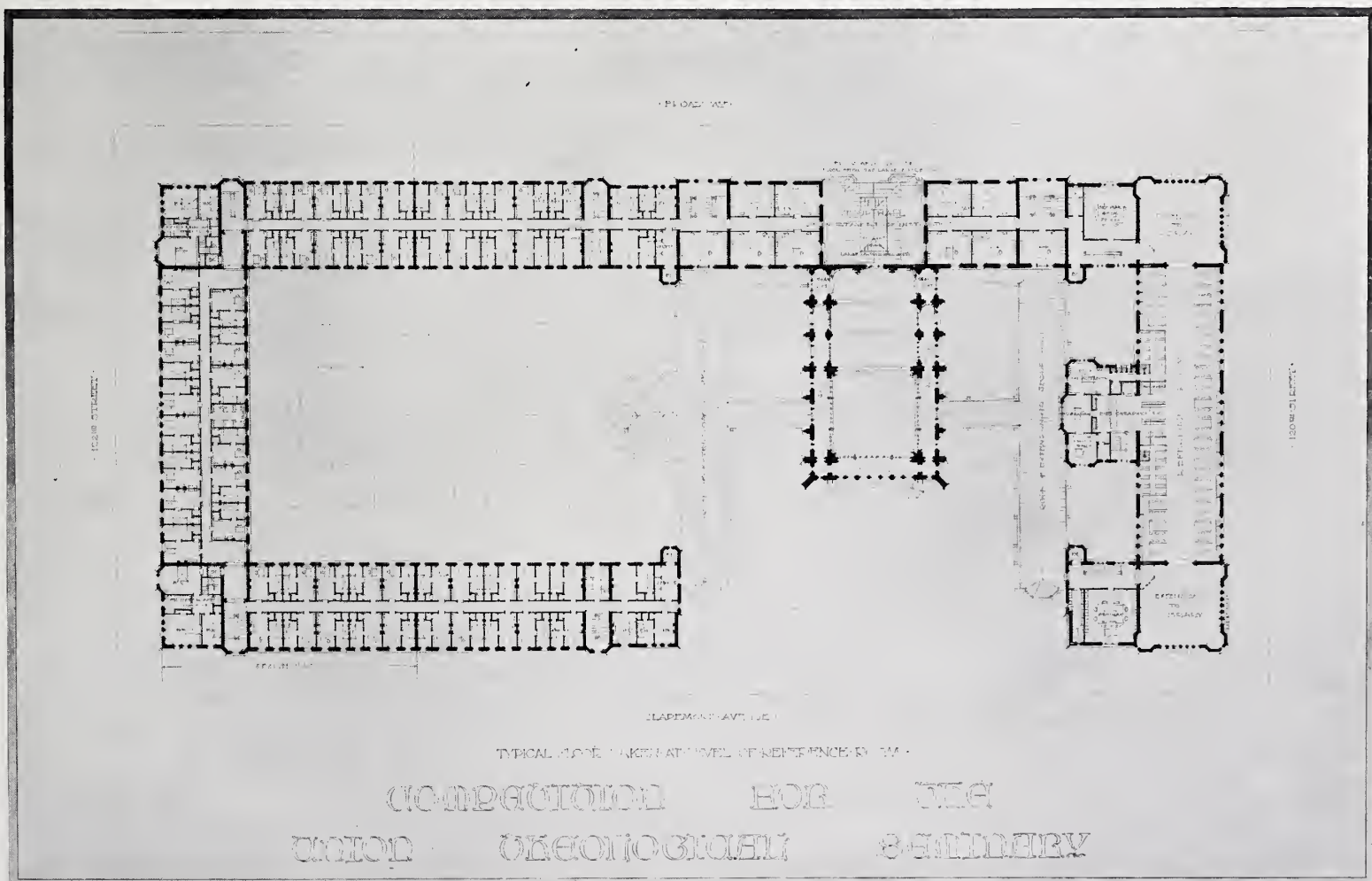
BROADWAY ELEVATION



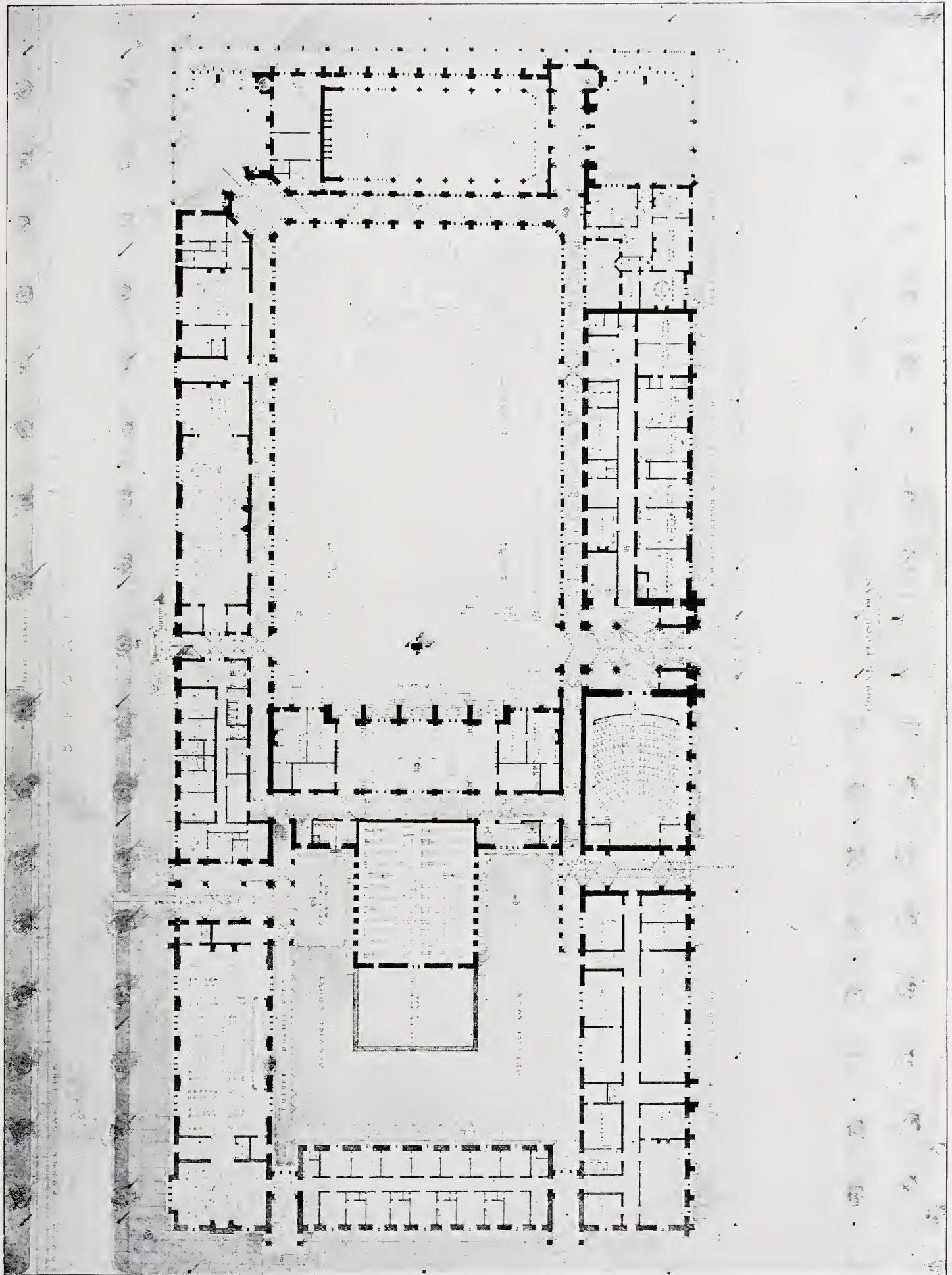
LONGITUDINAL SECTION



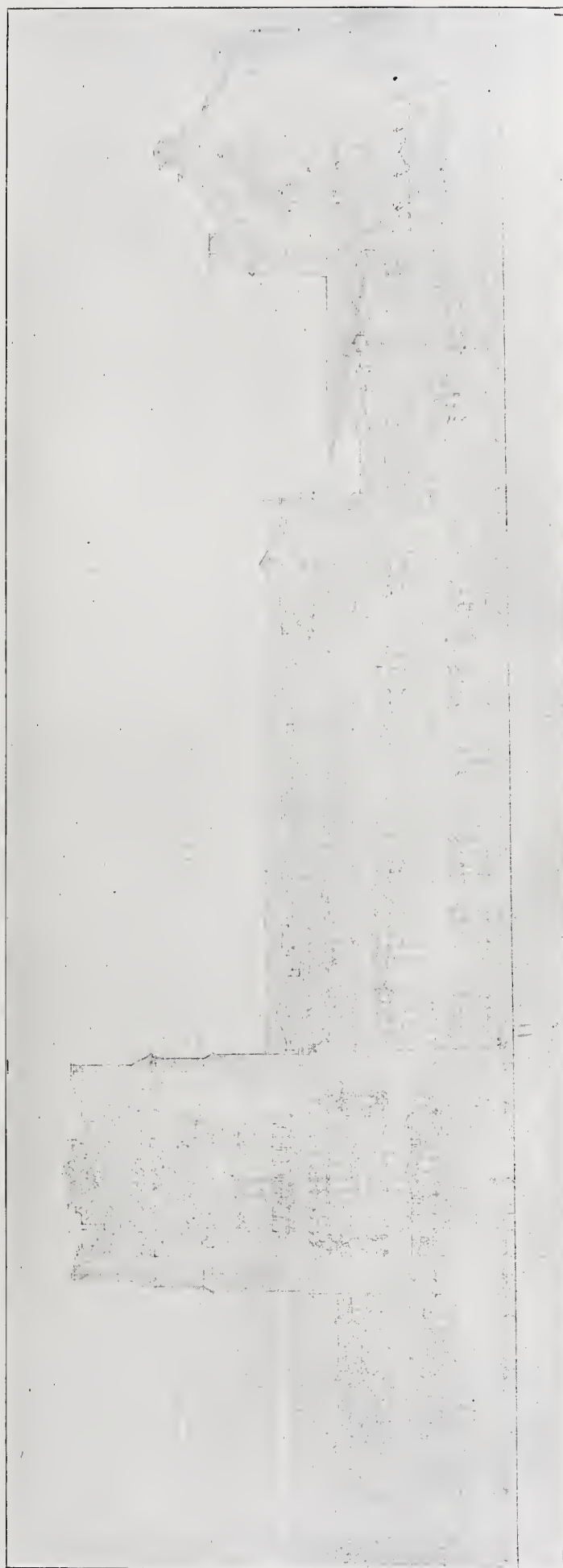
BASEMENT FLOOR PLAN



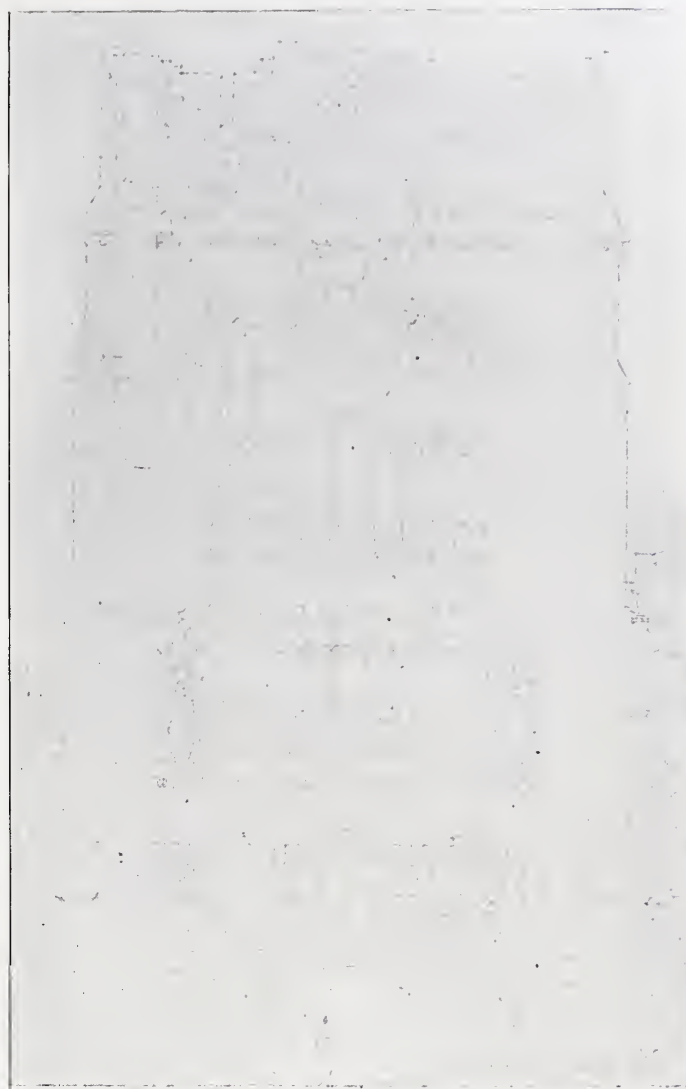
TYPICAL FLOOR PLAN, TAKEN AT LEVEL OF REFERENCE ROOM



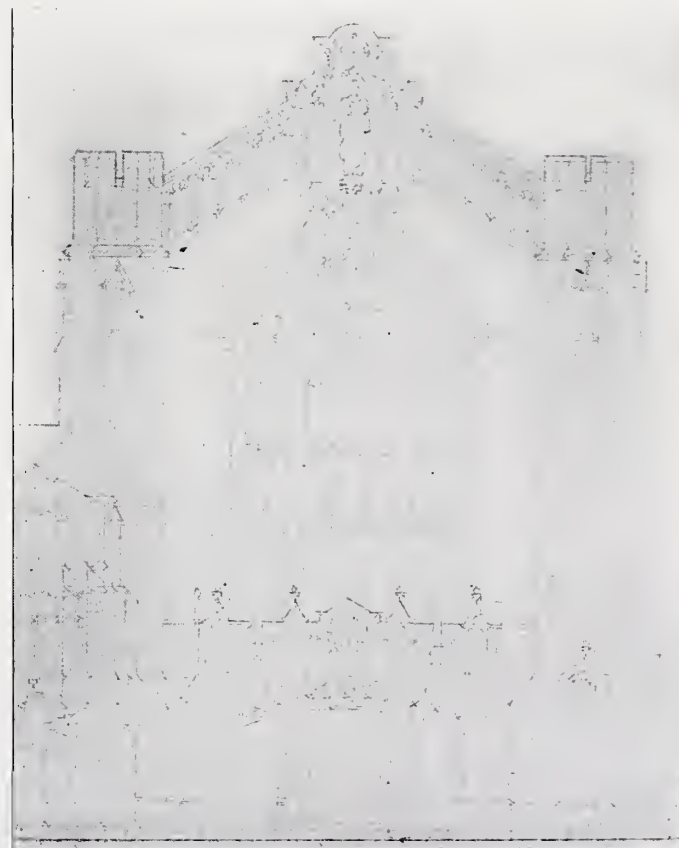
FIRST FLOOR PLAN



ELEVATION ON CLAREMONT AVENUE



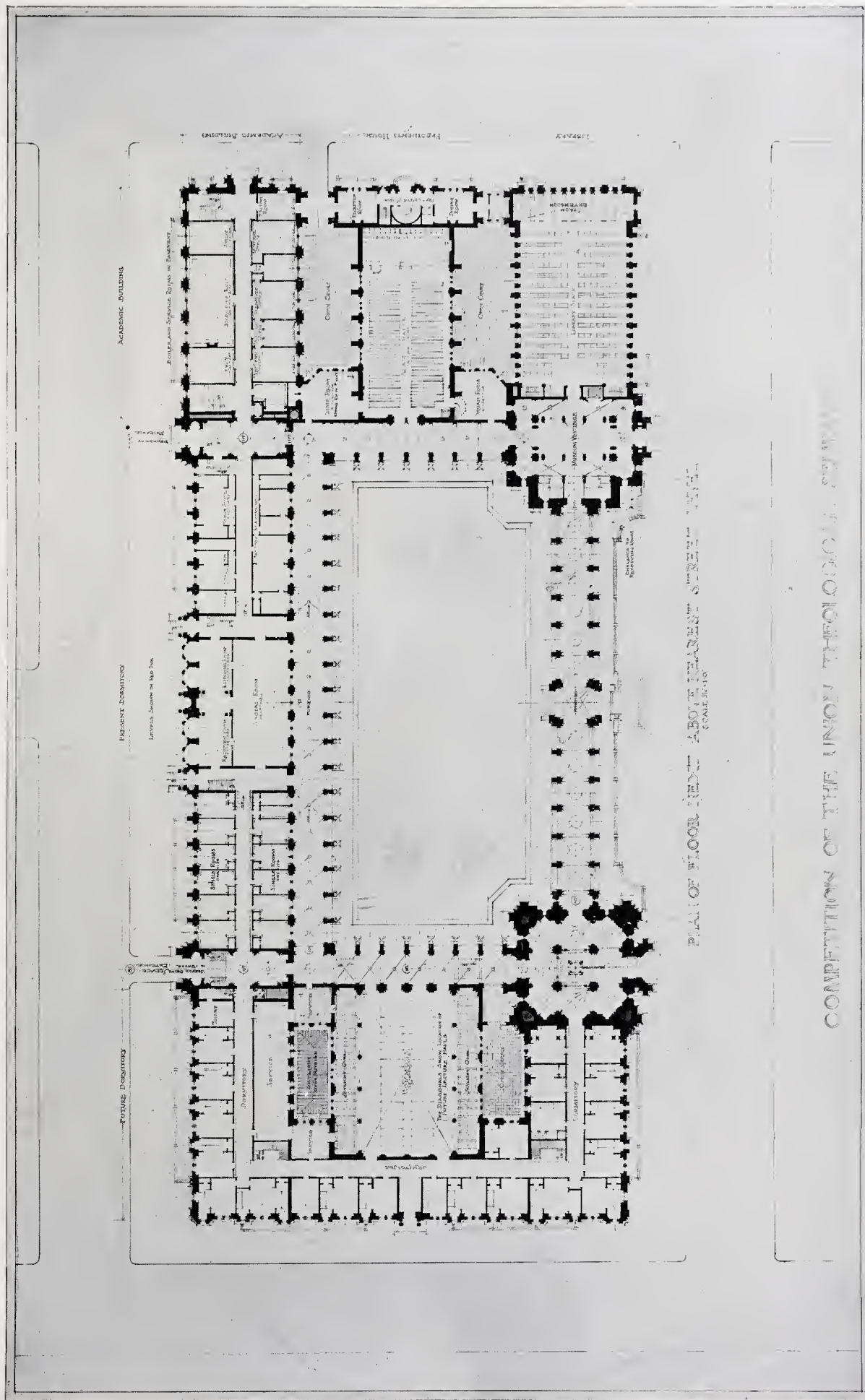
DETAIL OF TOWER

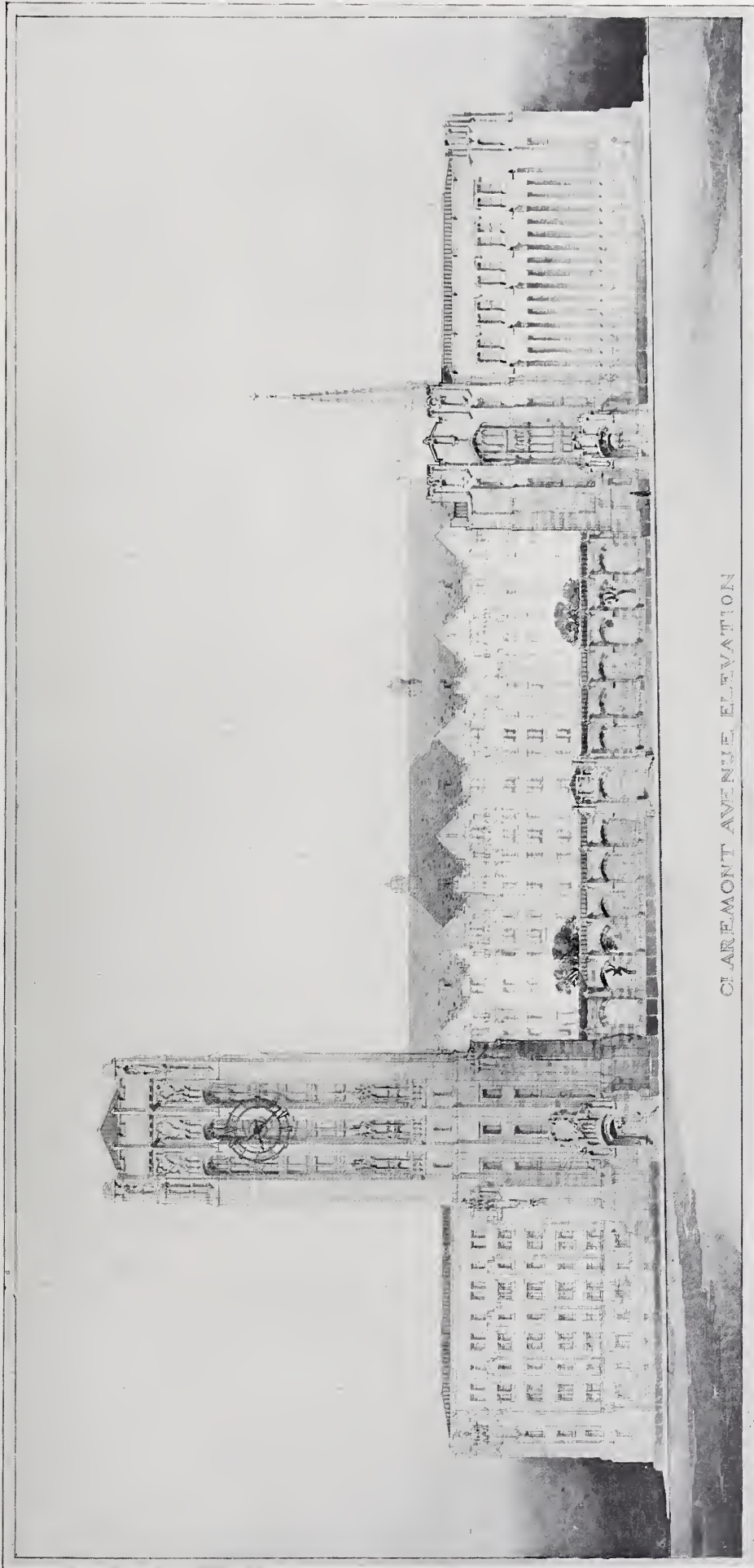


DETAIL OF CHAPEL

UNION THEOLOGICAL SEMINARY, NEW YORK CITY, NEW YORK

PLACED THIRD—CARPENTER, BLAIR & GOULD, ARCHITECTS





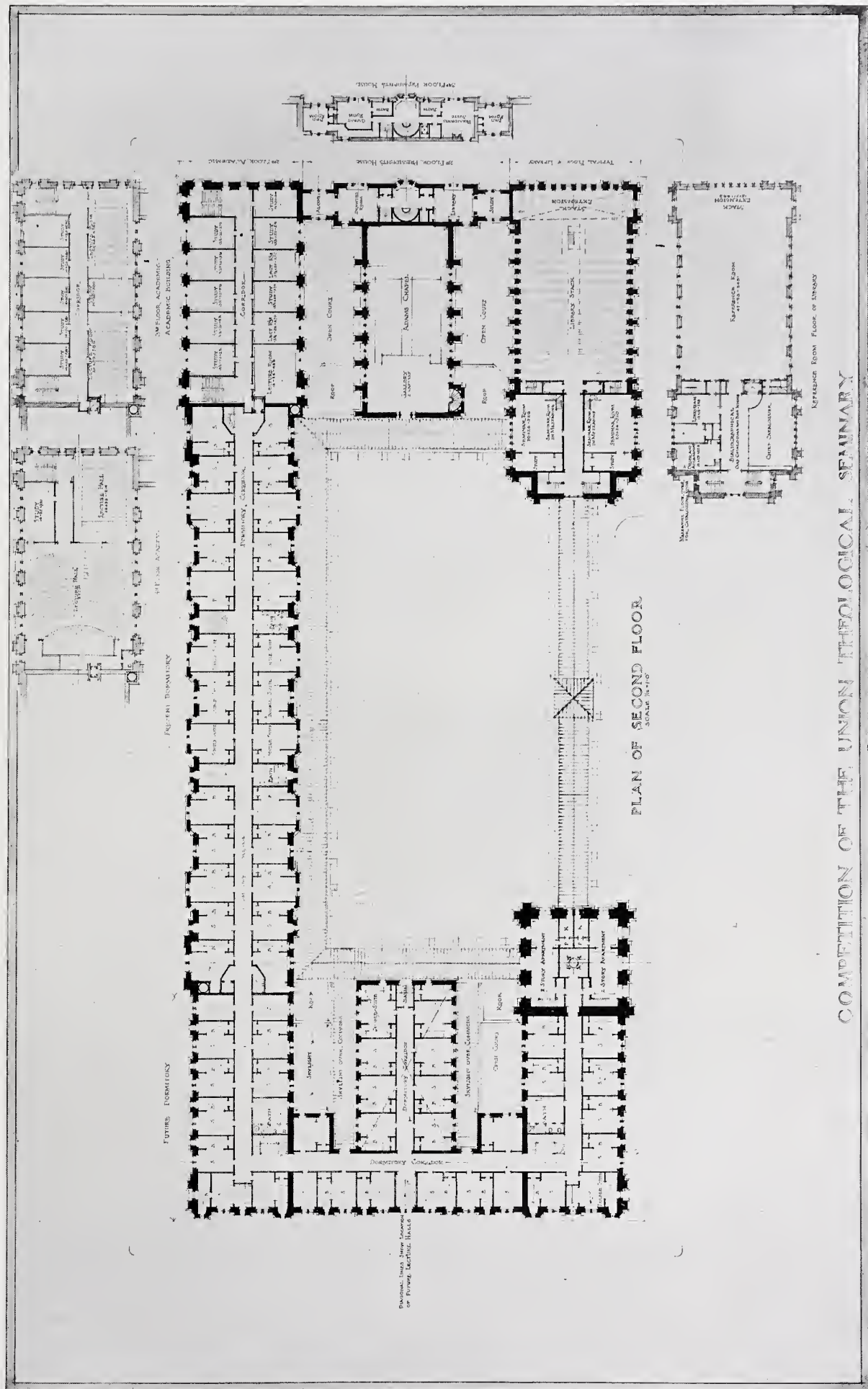
CLAREMONT AVENUE ELEVATION

CLAREMONT AVENUE ELEVATION



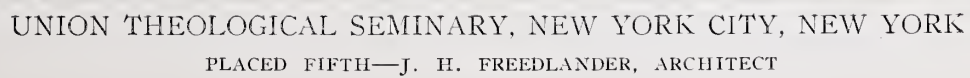
BROADWAY ELEVATION

BROADWAY ELEVATION

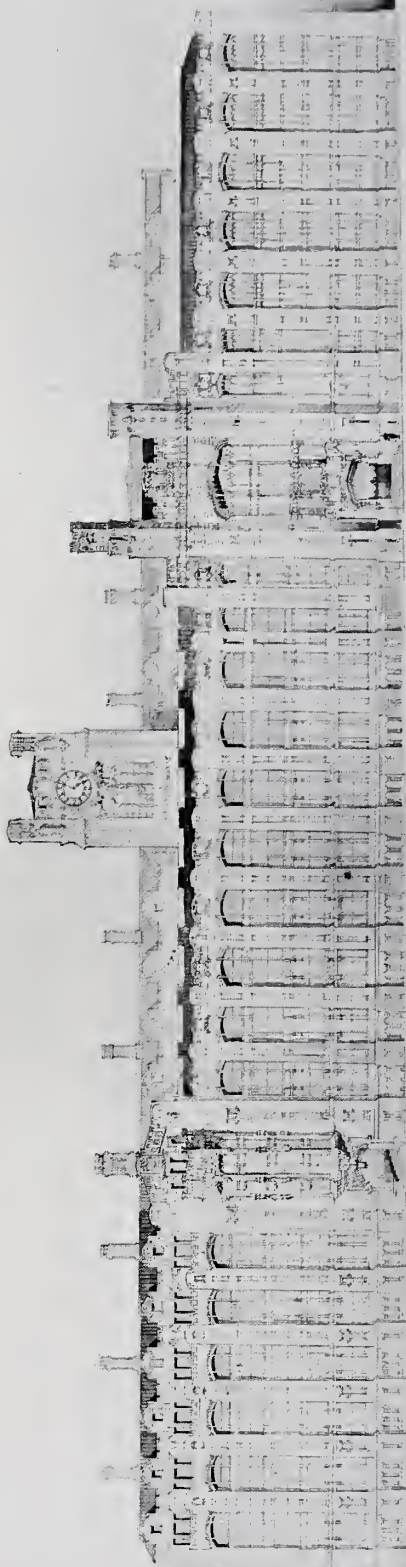


COMPETITION OF THE UNION THEOLOGICAL SEMINARY

SECOND FLOOR PLAN



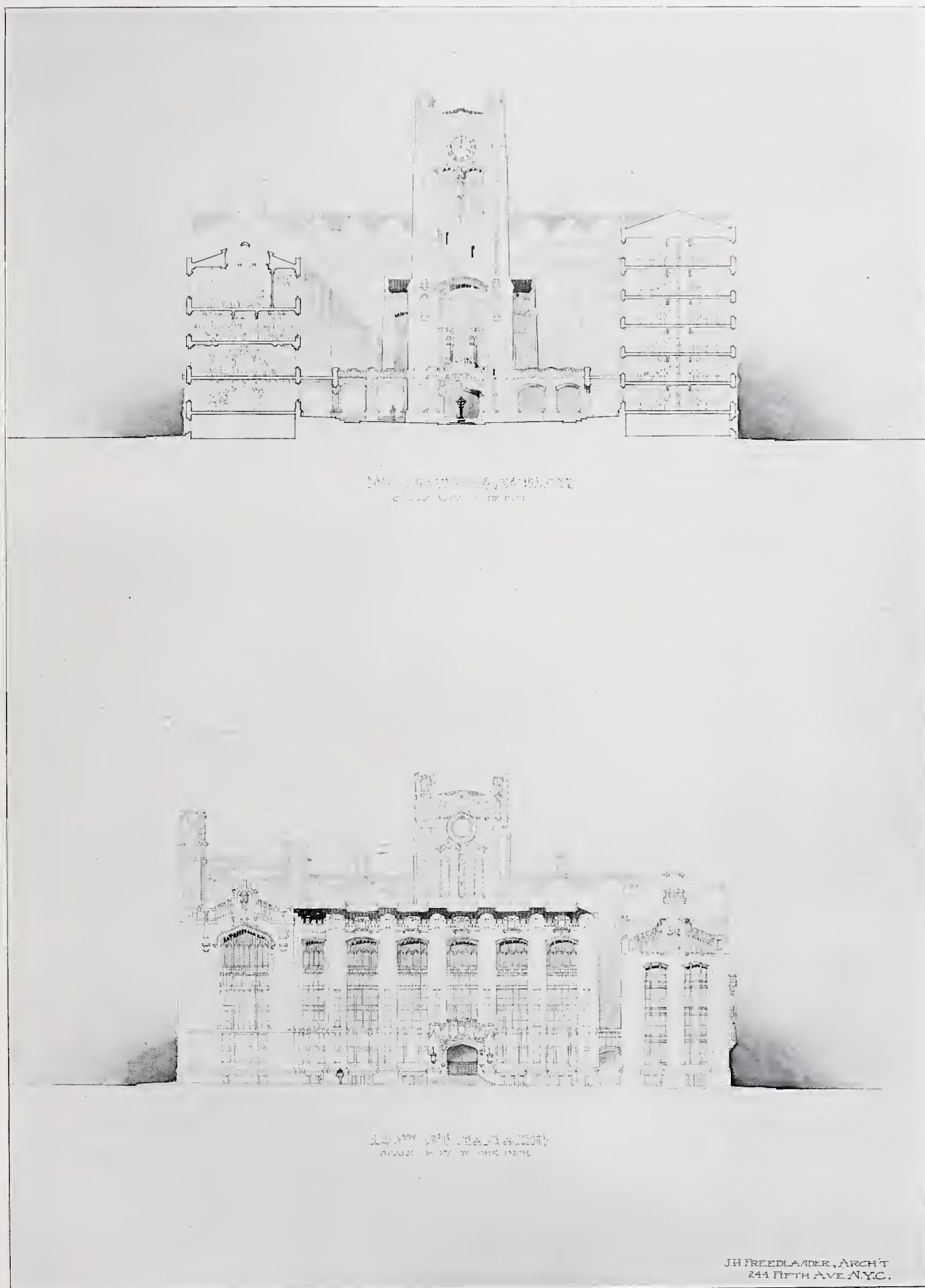
COMpetition OF THE UNION
THEOLOGICAL SEMINARY



CLAREMONT AVENUE ELEVATION
SCALE: 1/8" = 1'-0"

J. H. FREEDLANDER, ARCHT.
240 FIFTH AVE., N.Y.

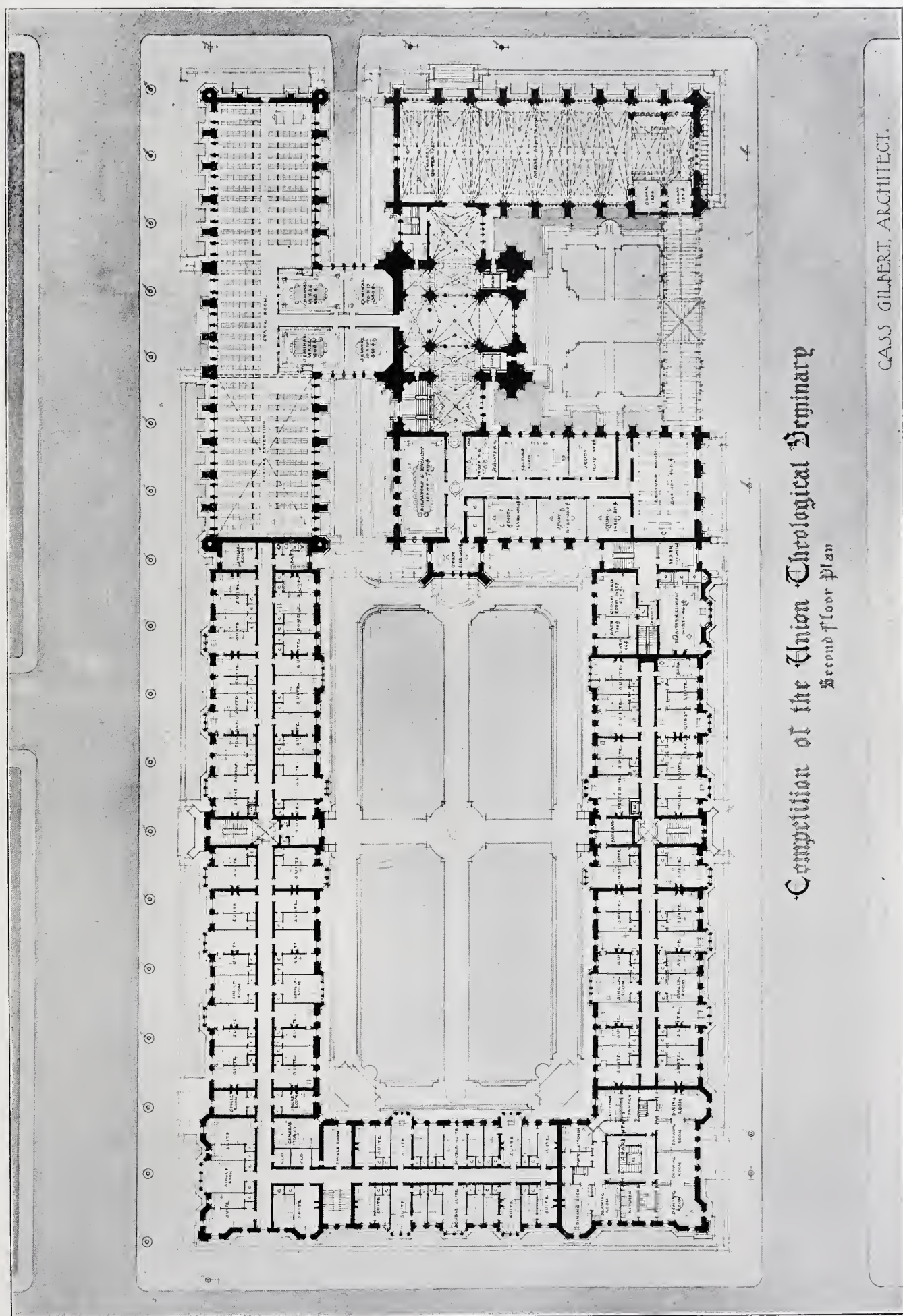
CLAREMONT AVENUE ELEVATION



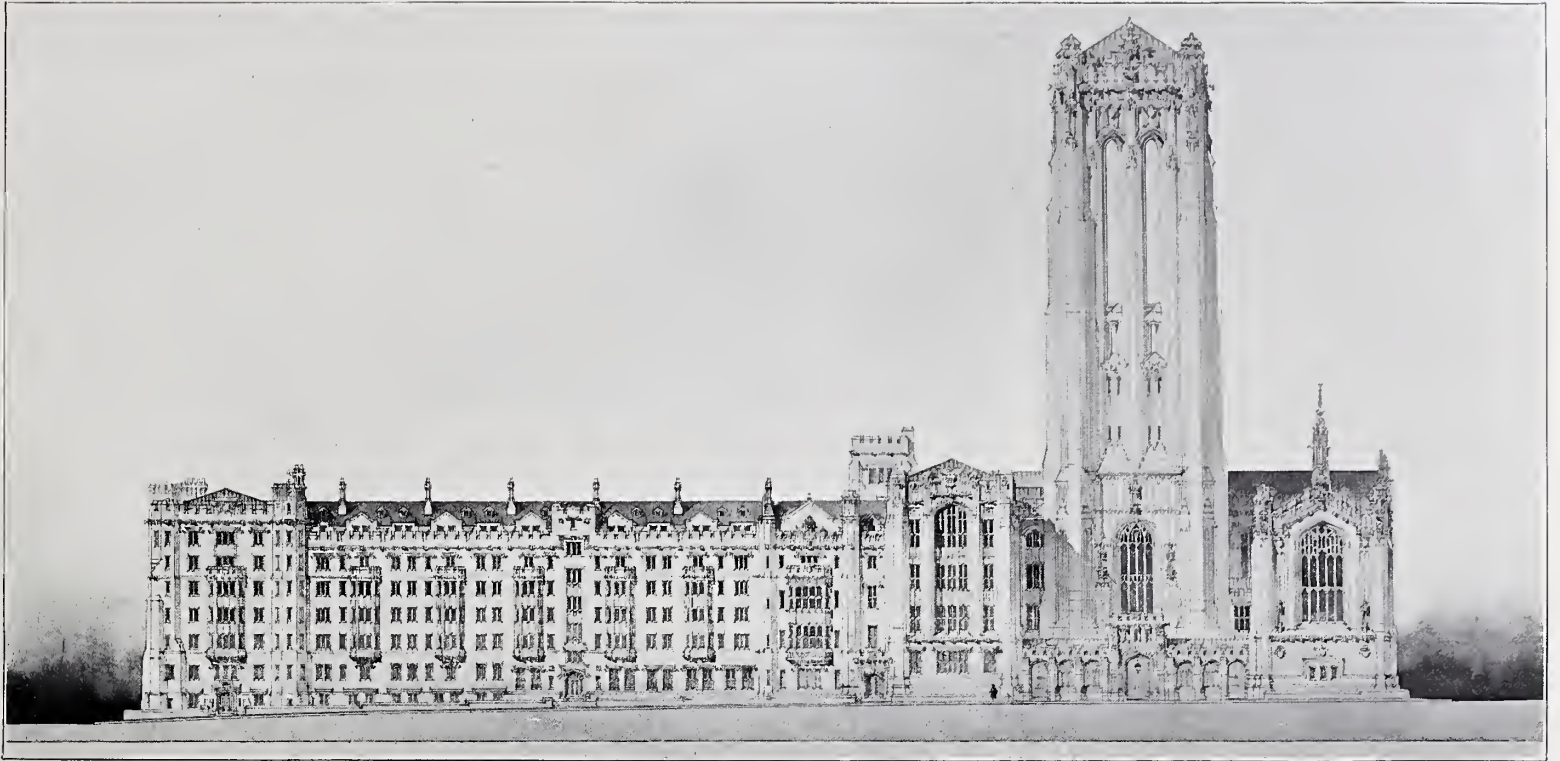
TRANSVERSE SECTION AND 120TH STREET ELEVATION

UNION THEOLOGICAL SEMINARY, NEW YORK CITY, NEW YORK

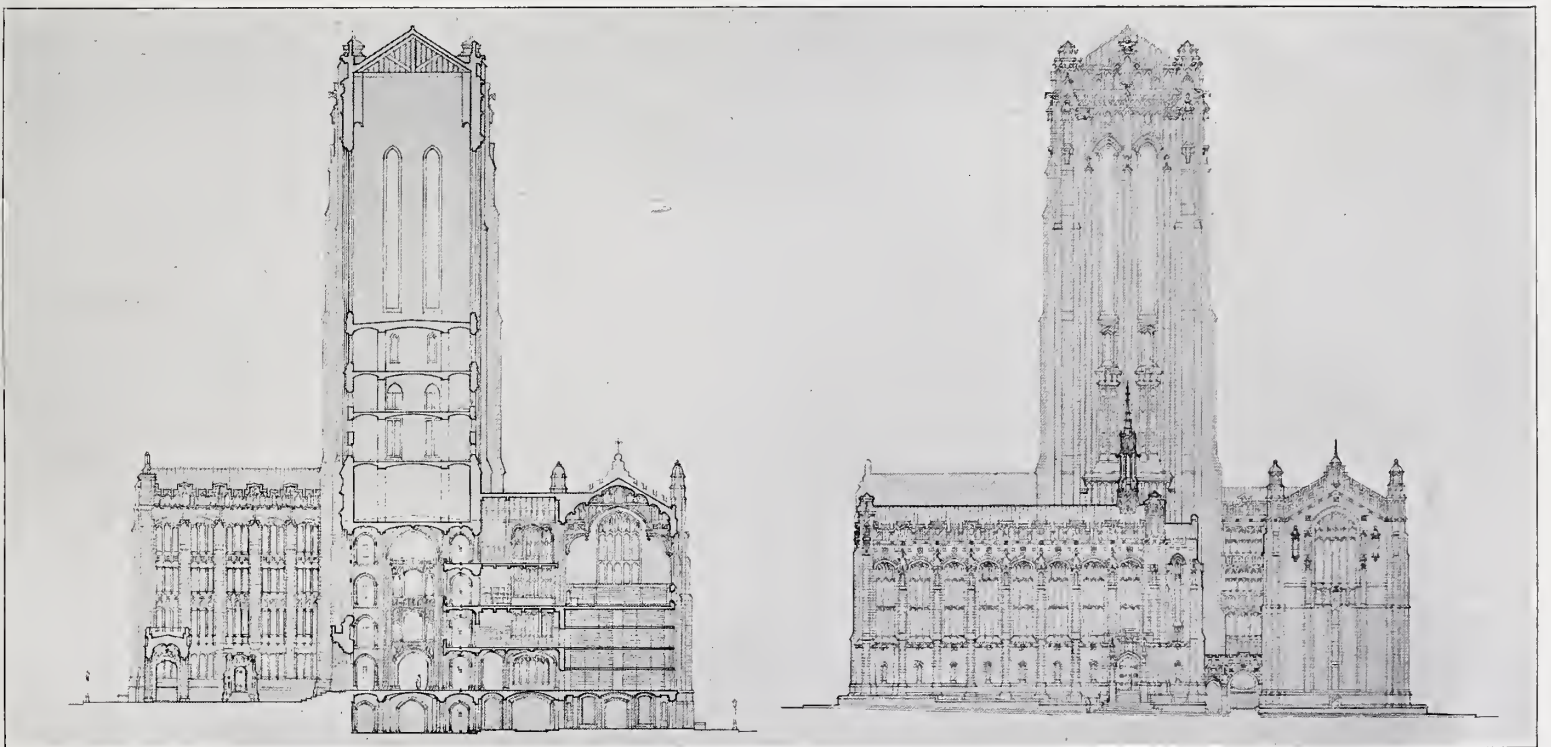
PLACED FIFTH—J. H. FREEDLANDER, ARCHITECT



UNION THEOLOGICAL SEMINARY, NEW YORK CITY, NEW YORK
PLACED SIXTH—CASS GILBERT, ARCHITECT



CLAREMONT AVENUE ELEVATION



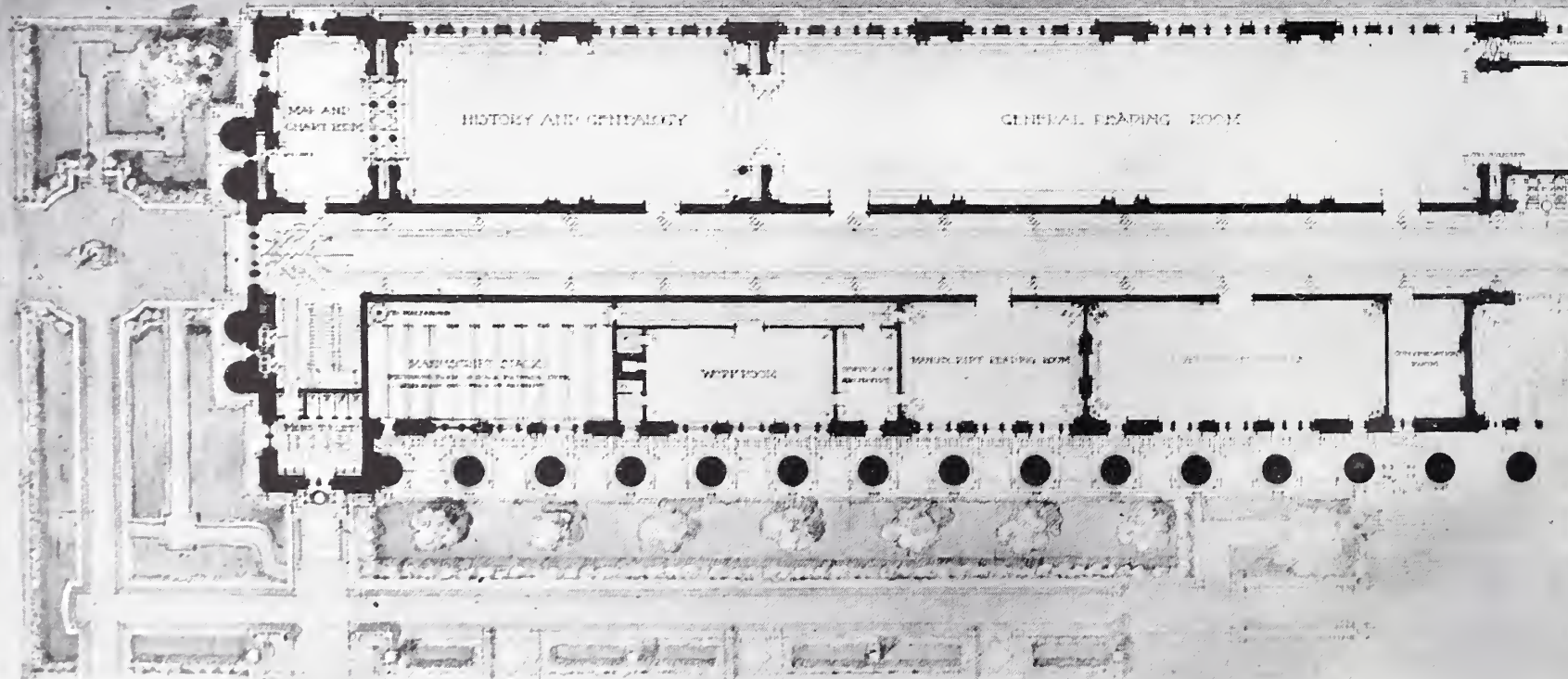
TRANSVERSE SECTION AND 120TH STREET ELEVATION

UNION THEOLOGICAL SEMINARY, NEW YORK CITY, NEW YORK

PLACED SIXTH—CASS GILBERT, ARCHITECT

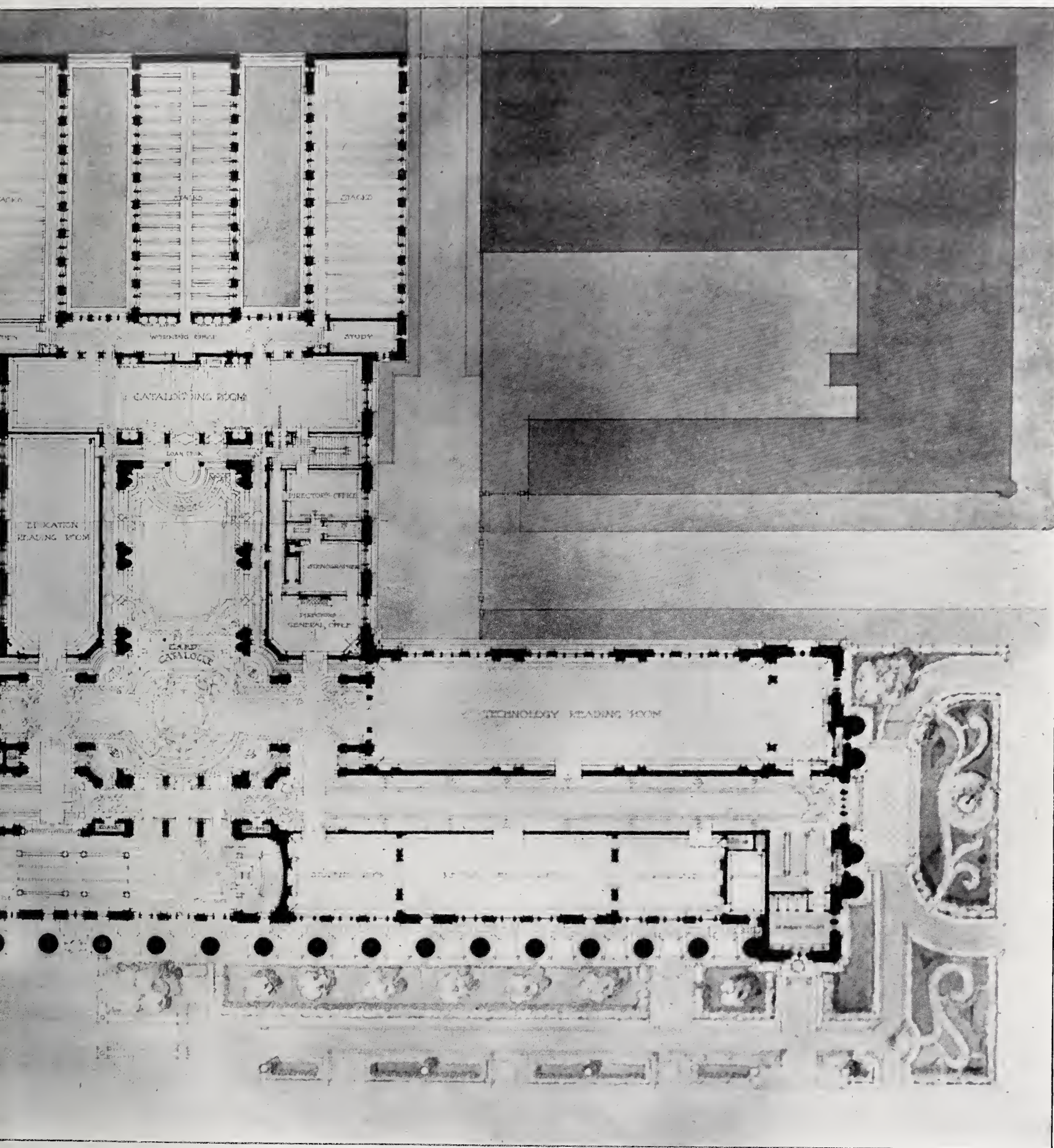
COMPETITION FOR THE NEW EDUCATION BUILDING ALBANY NEW YORK

LA FAYETTE ST.

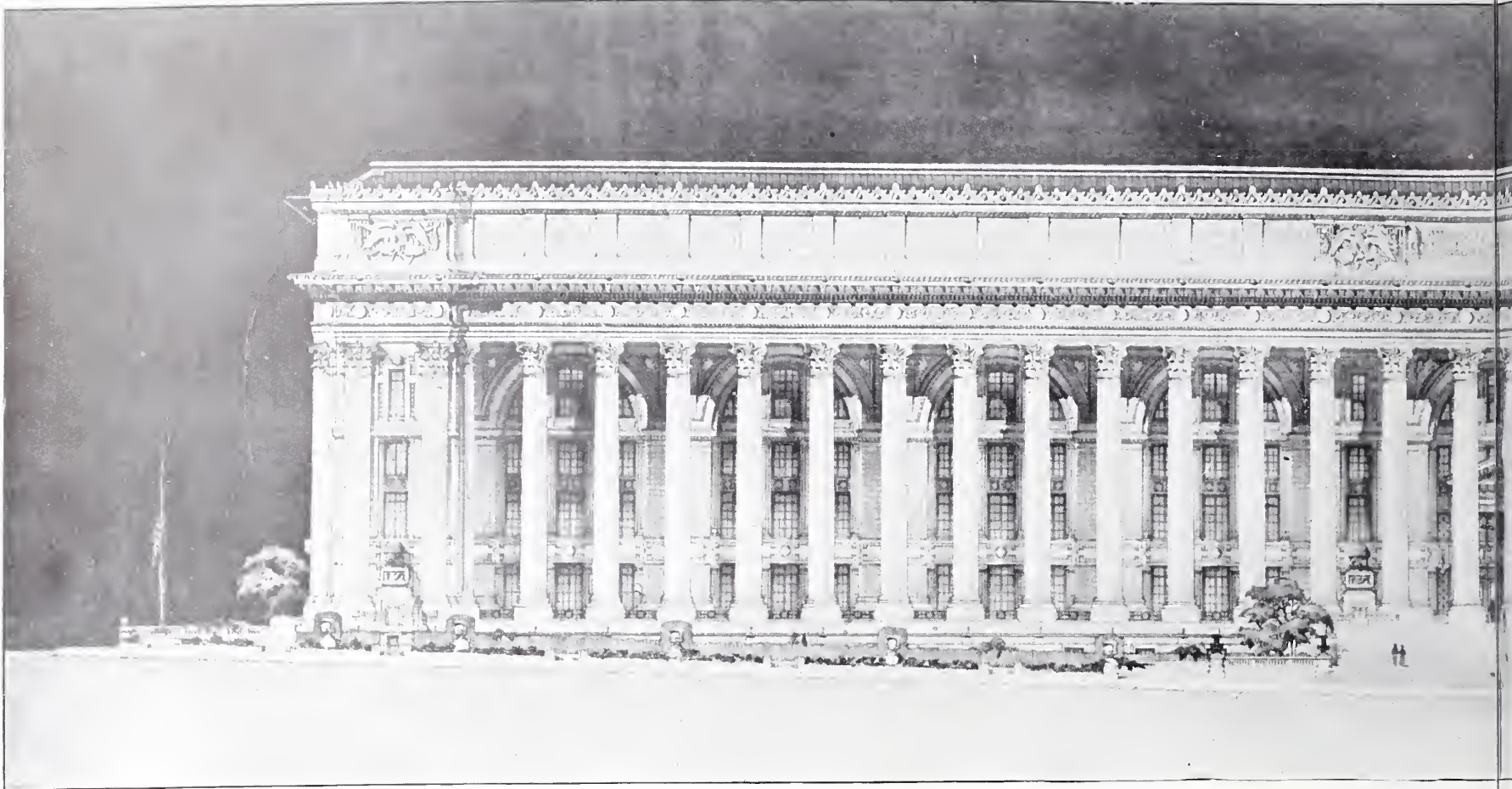


SECOND F

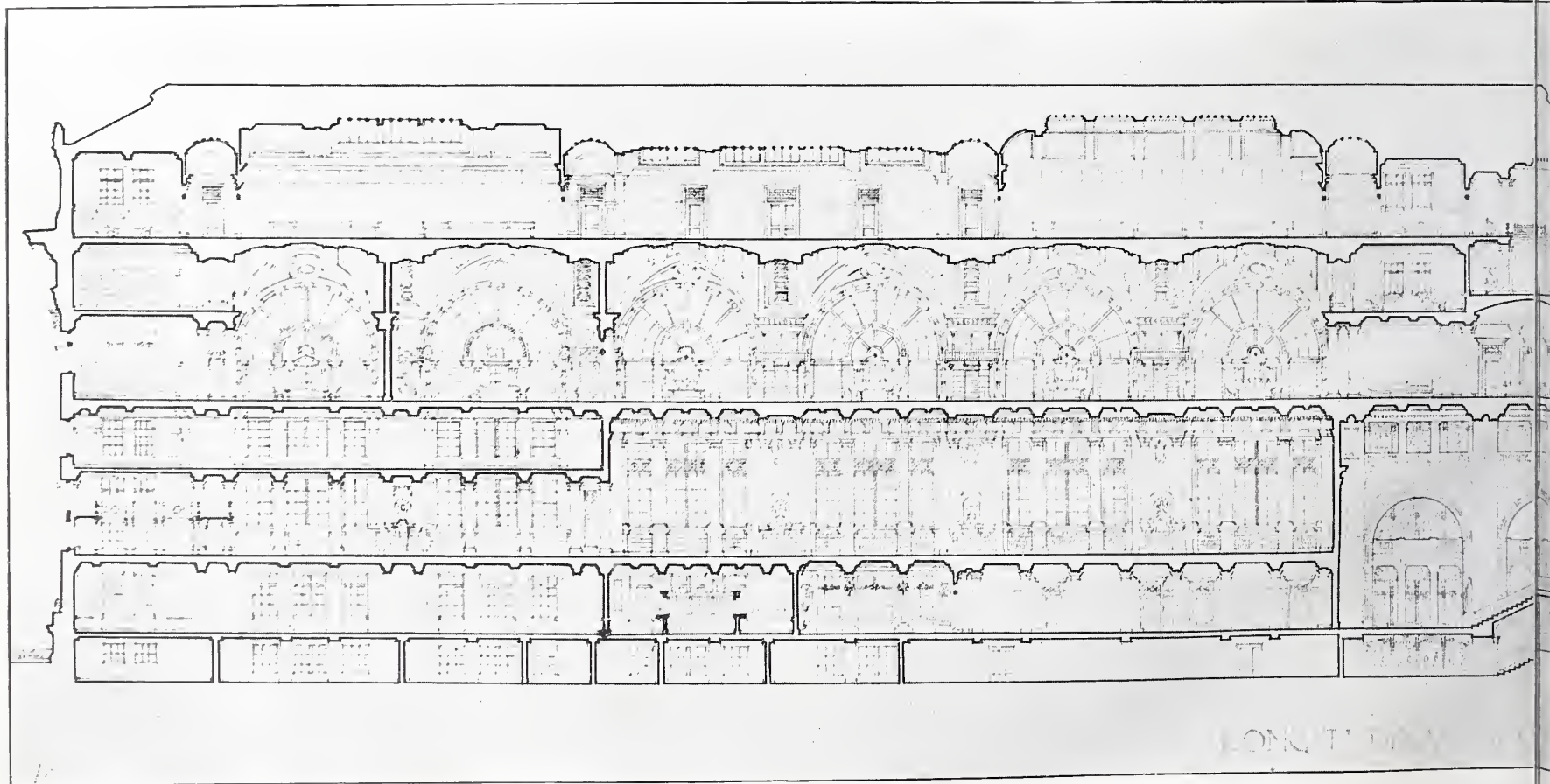
STATE EDUCATIONAL BUILDING
FIRST PRIZE—PALMER &



PLAN



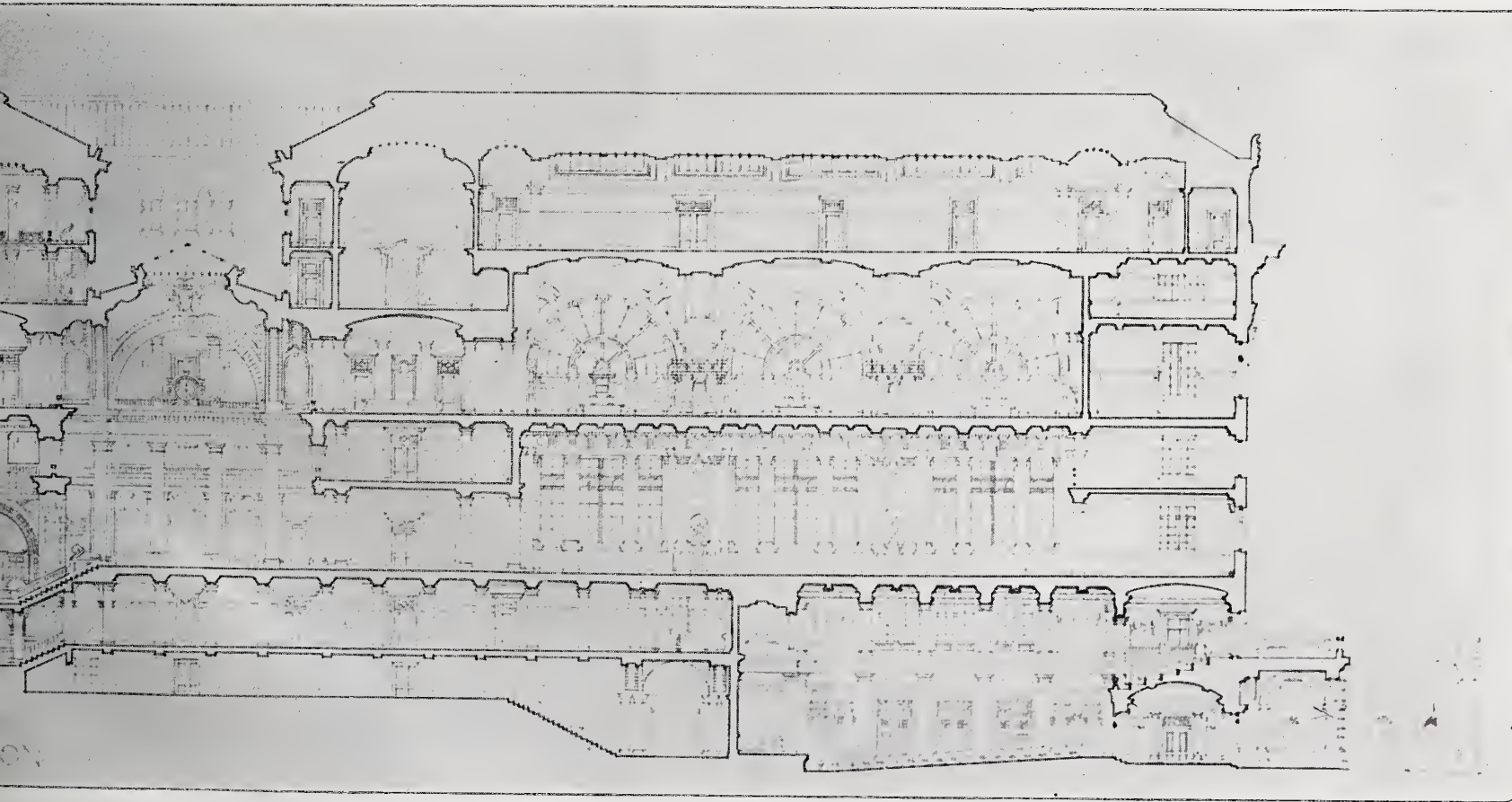
WASHINGTON AVENUE



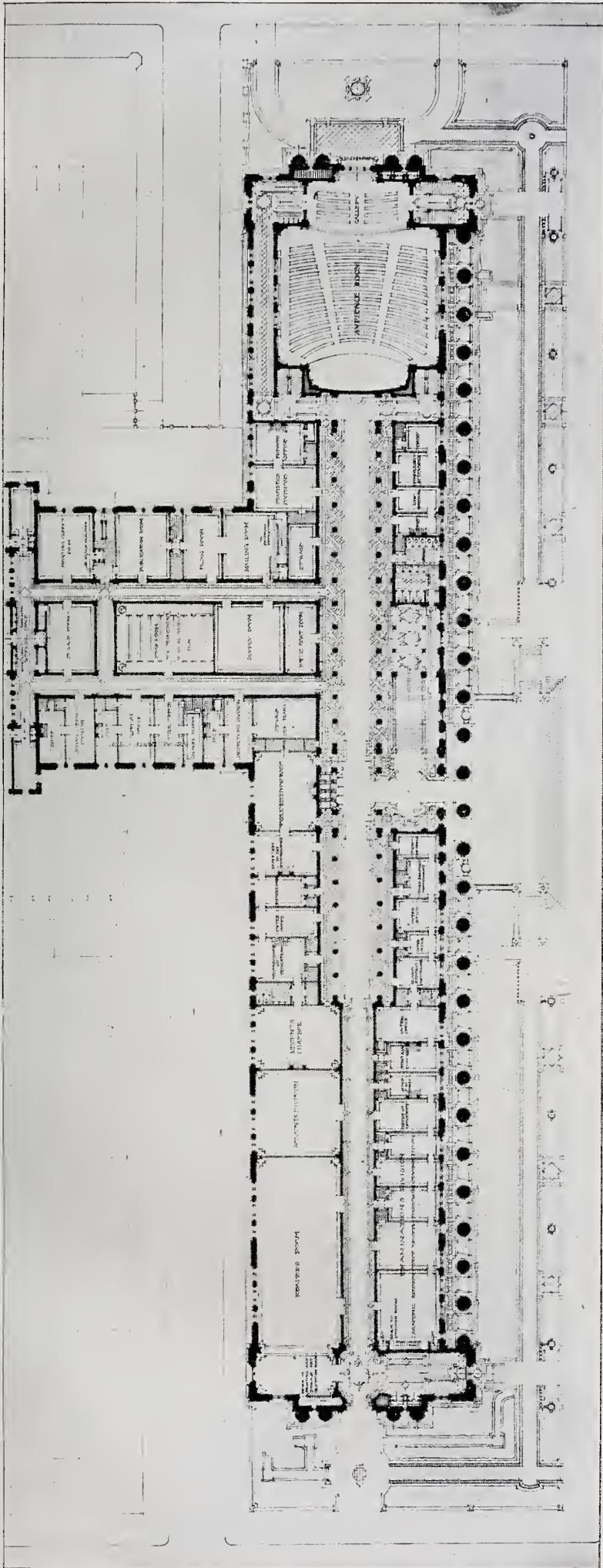
LONGITUDIN



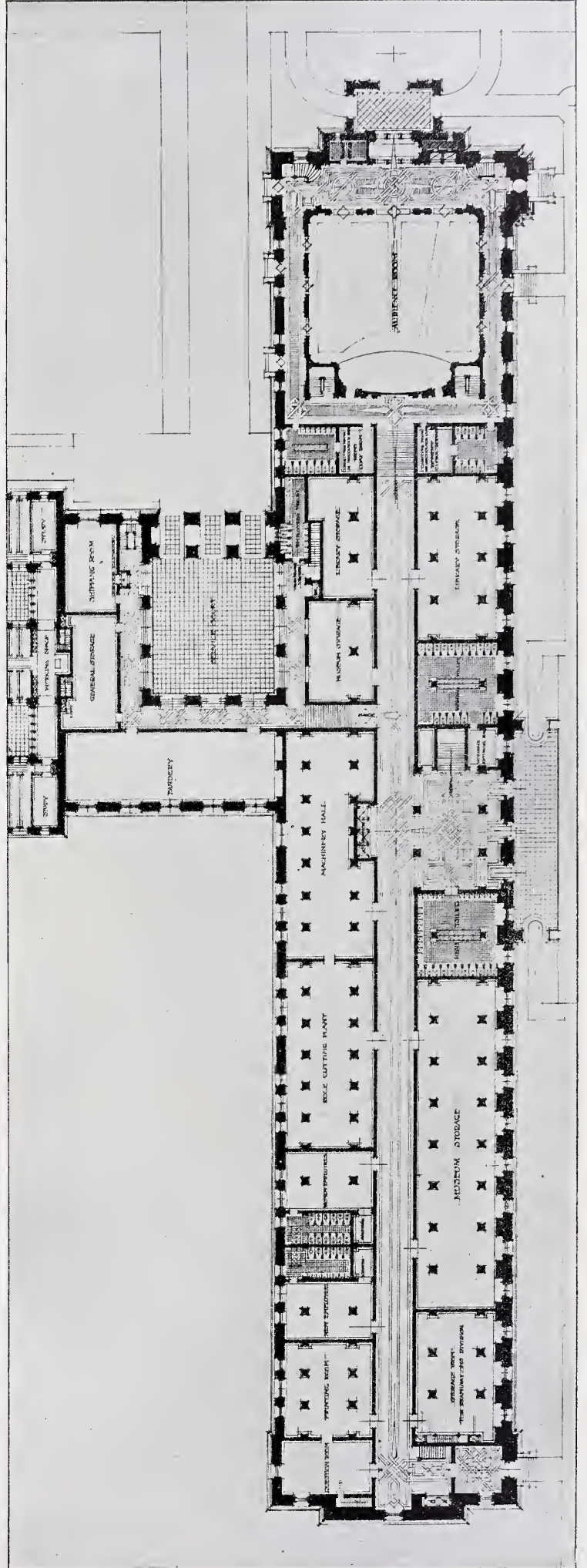
THE ELEVATION



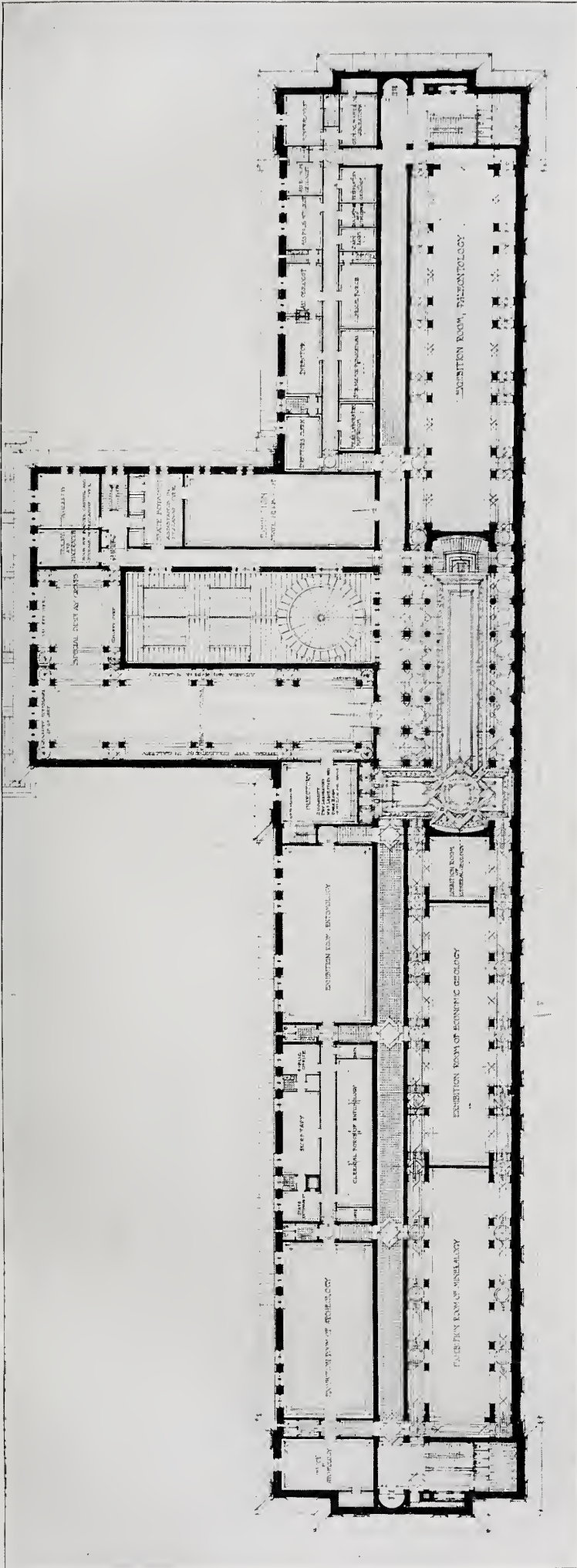
SECTION



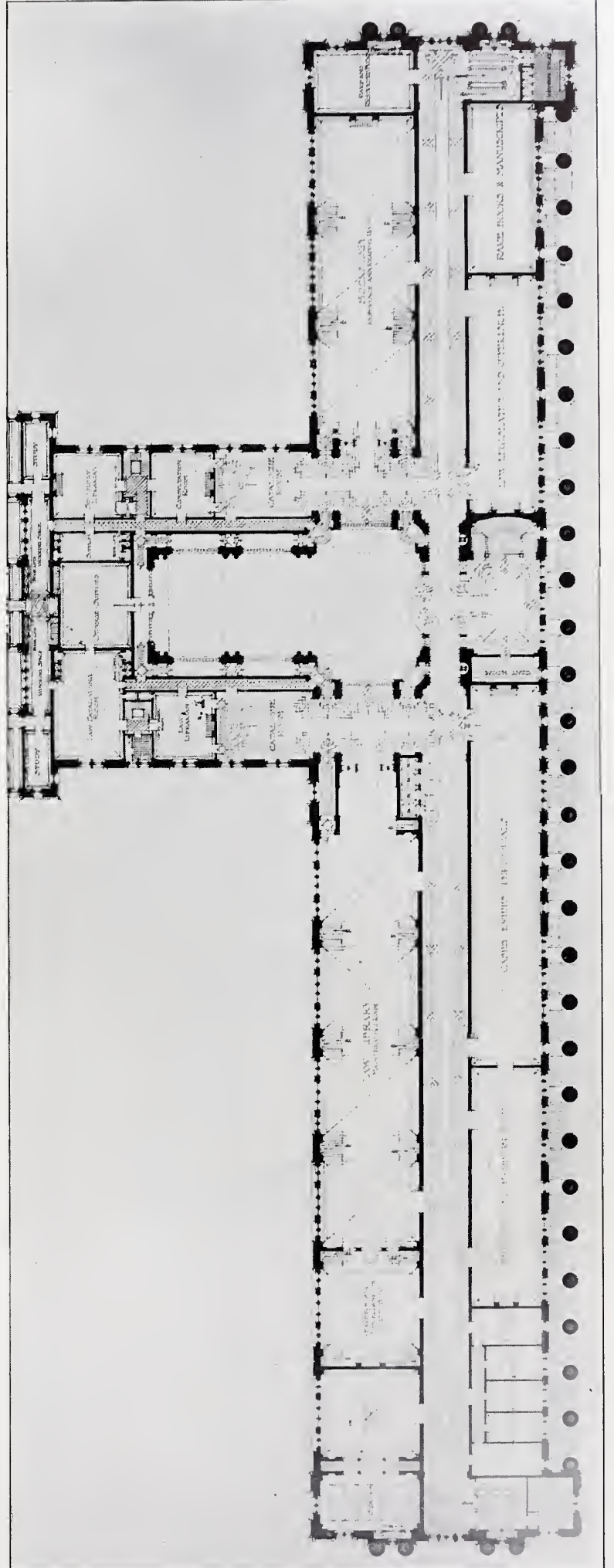
FIRST FLOOR PLAN



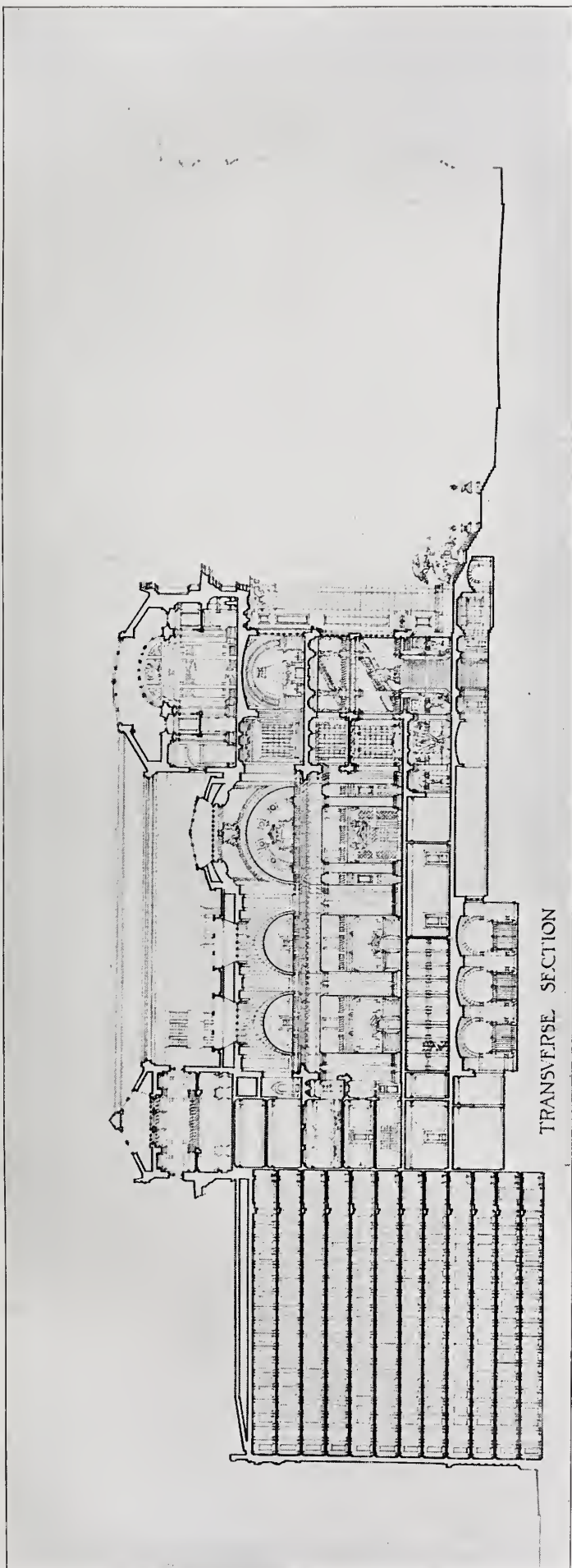
BASEMENT FLOOR PLAN



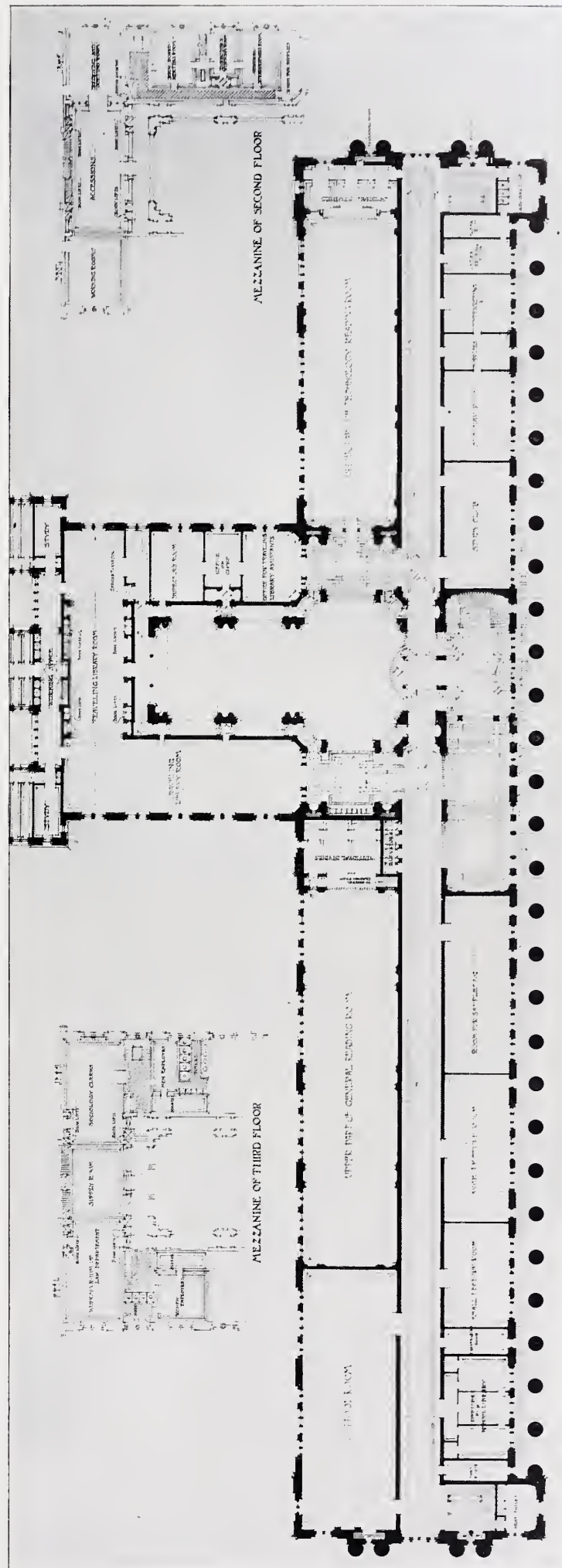
FOURTH FLOOR PLAN

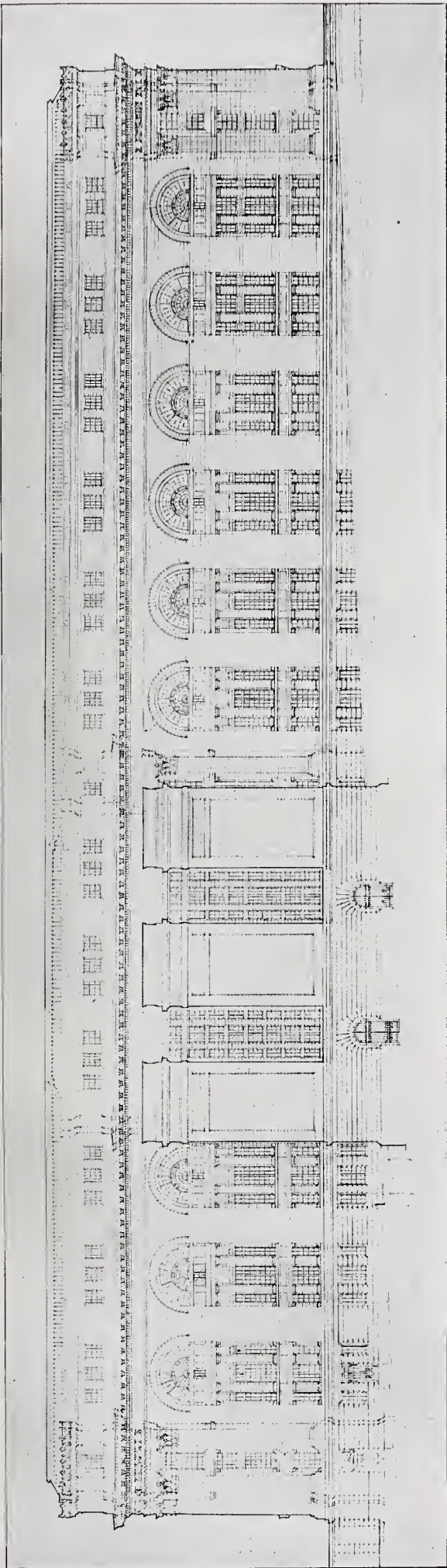


THIRD FLOOR PLAN

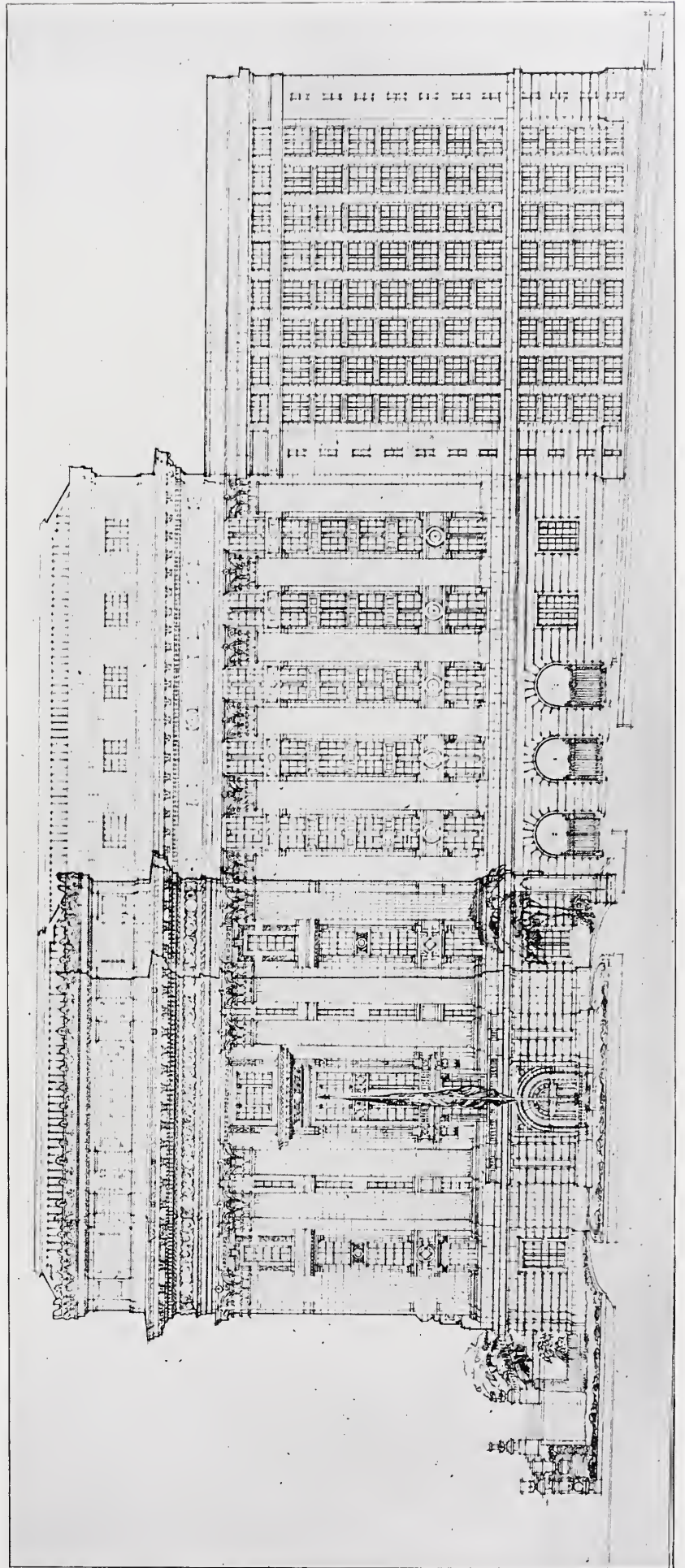


TRANSVERSE SECTION

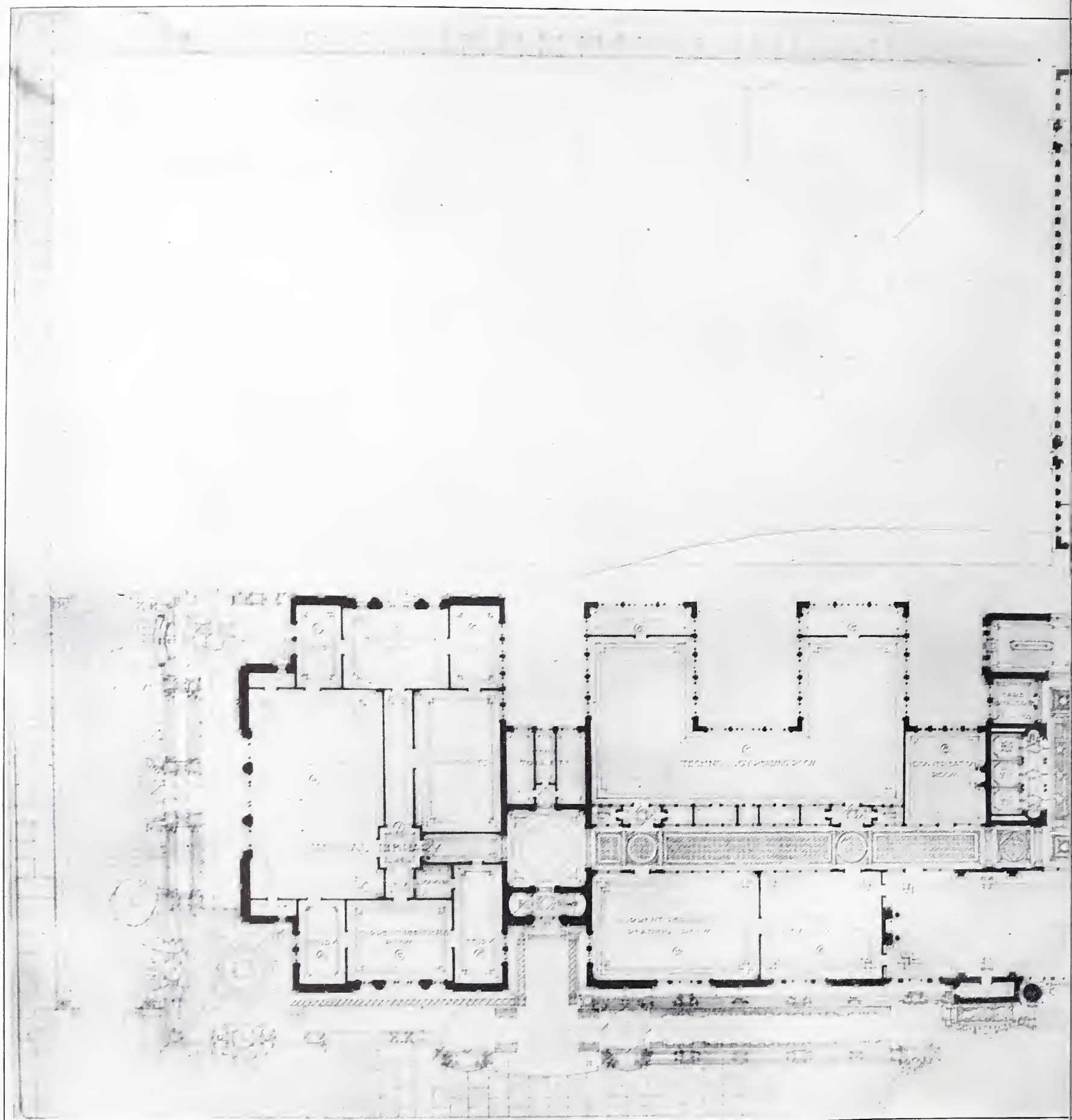




REAR ELEVATION

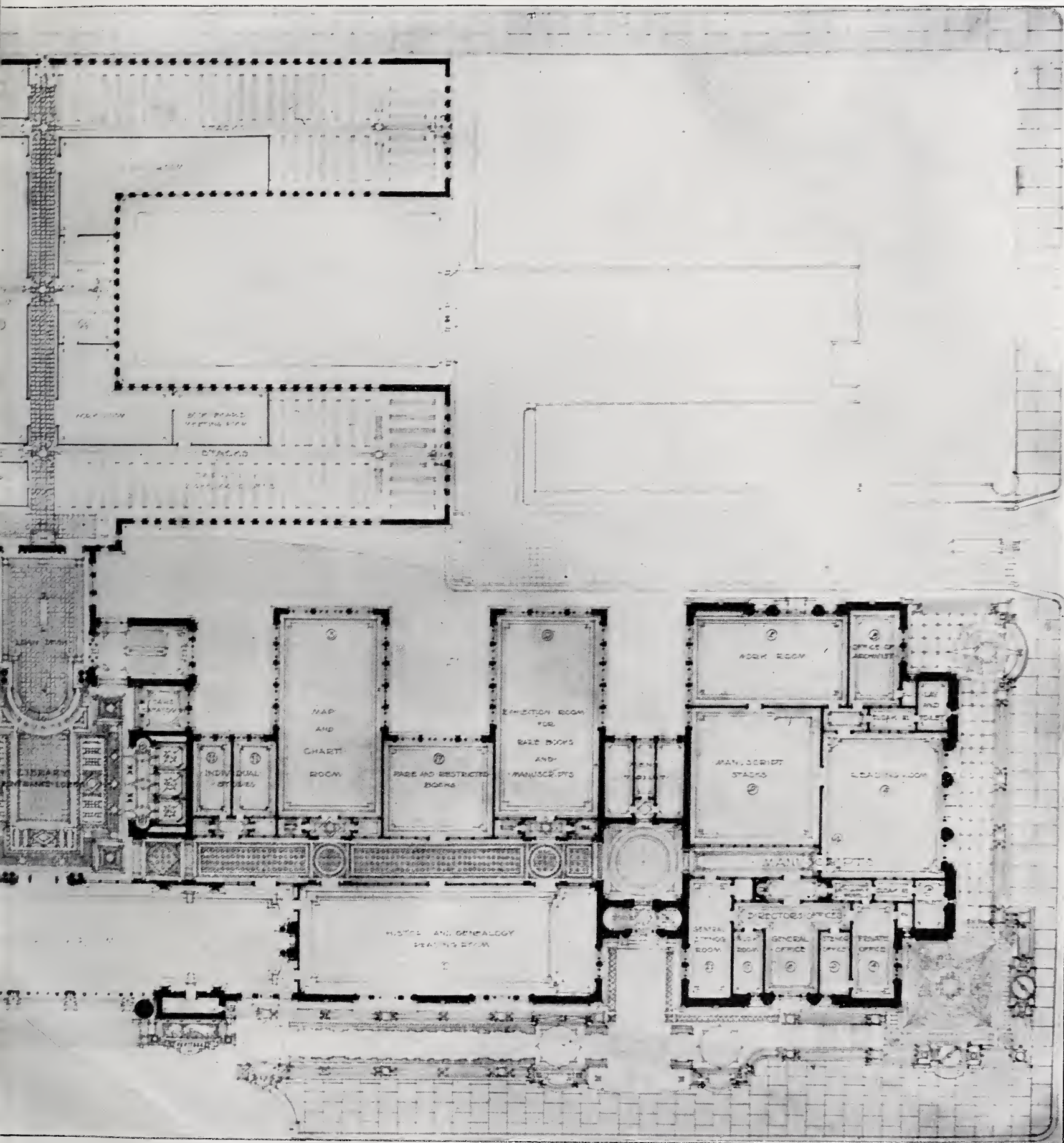


END ELEVATION

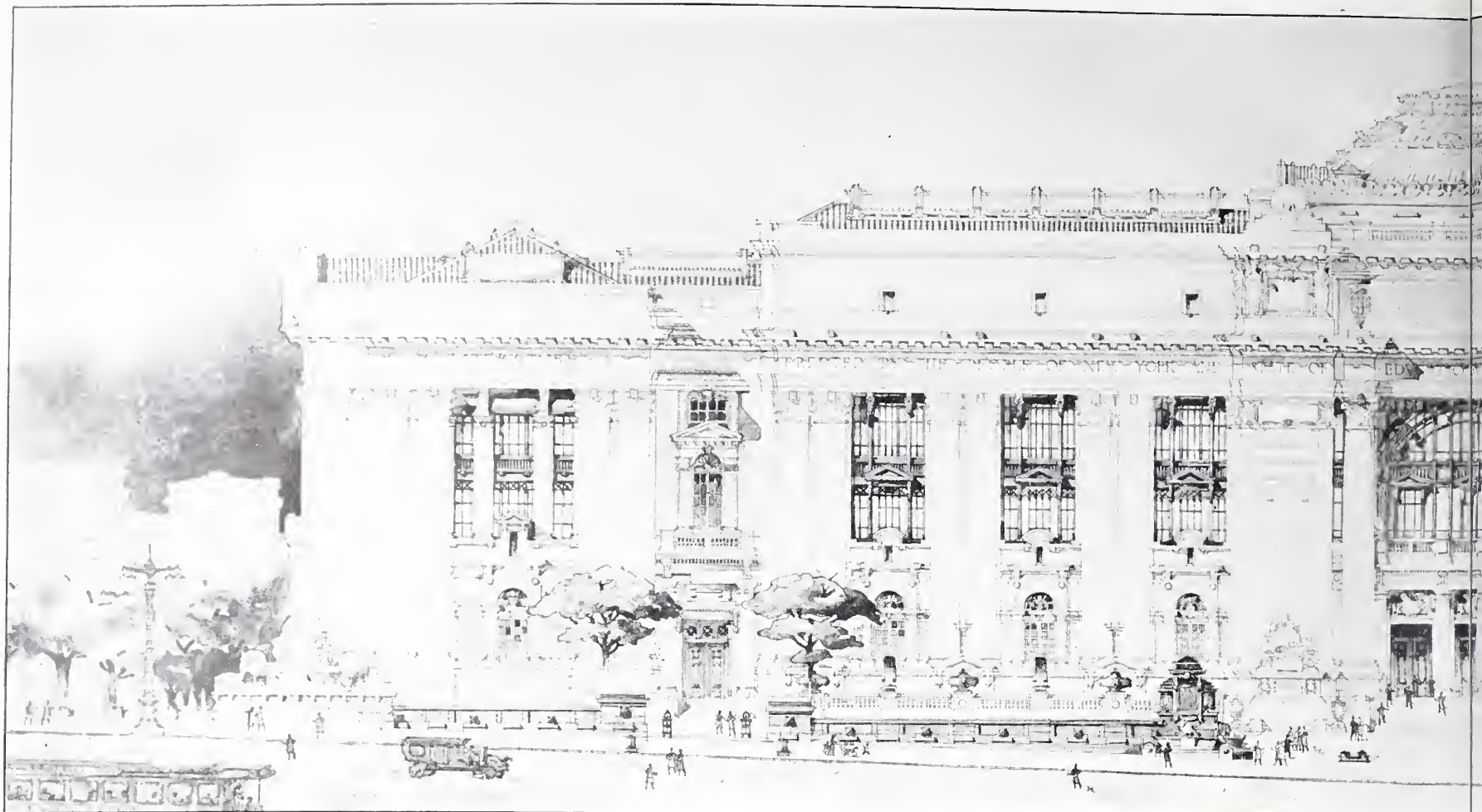


SECOND FLOOR

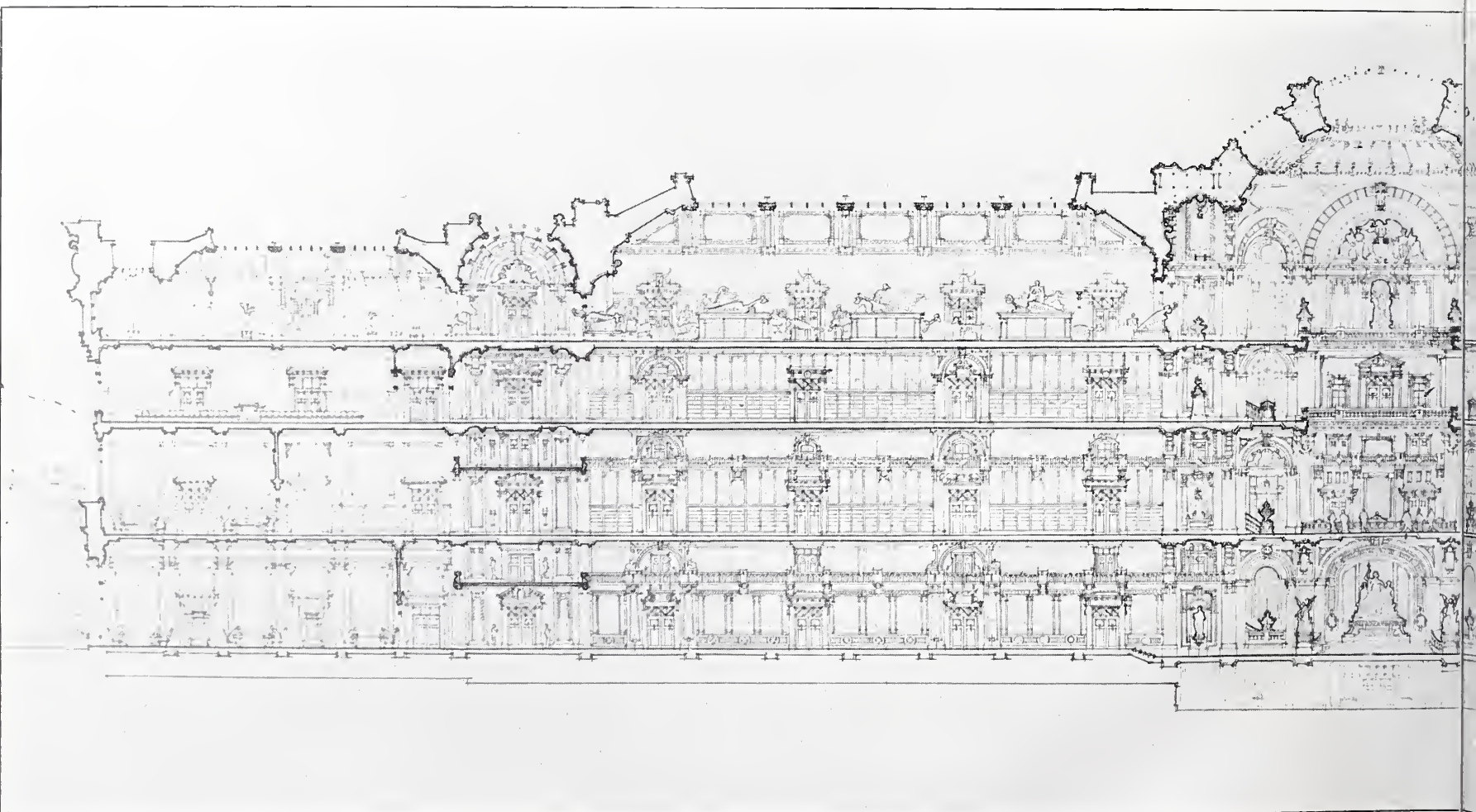
STATE EDUCATIONAL BUILDING
SECOND PRIZE—HOWELLS



R PLAN



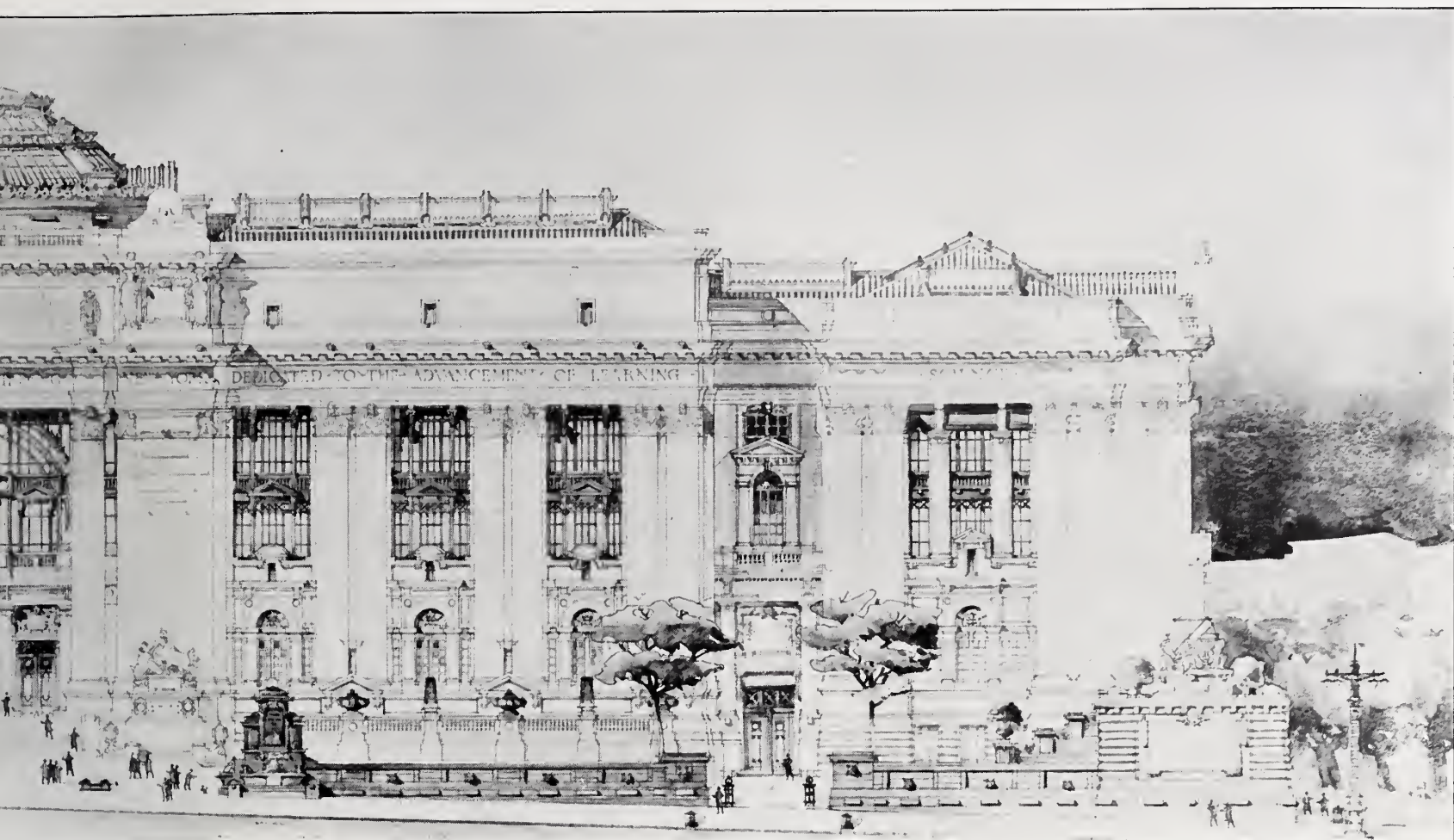
WASHINGTON AVENUE



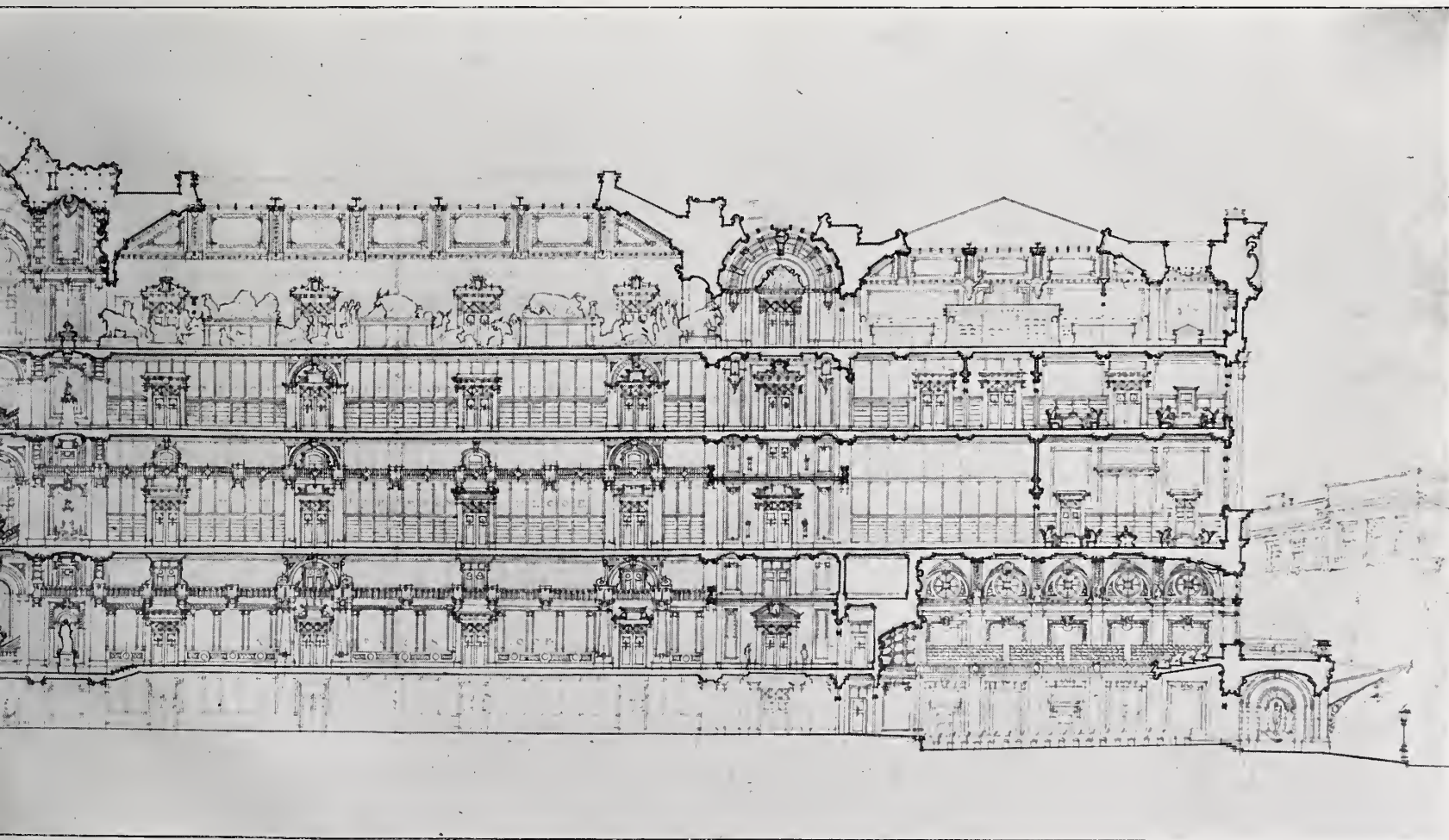
LONGITUDINAL SECTION

STATE EDUCATIONAL BUILDING

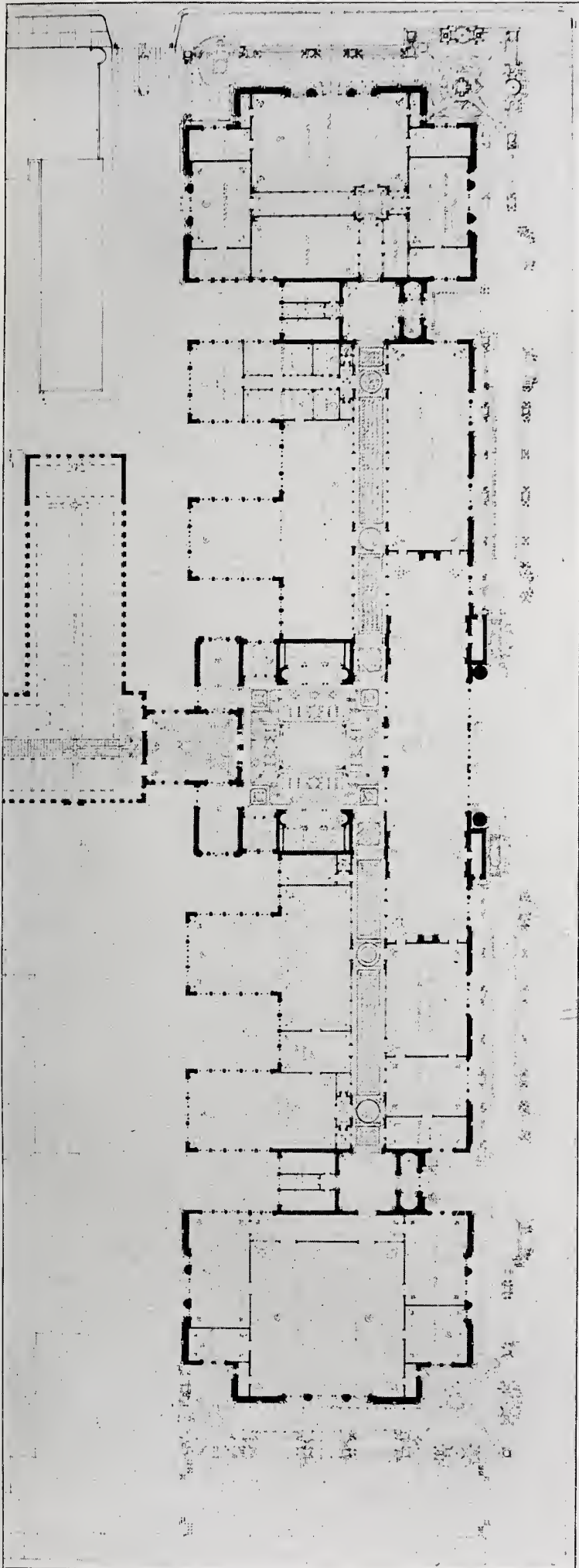
SECOND PRIZE—HOWELLS & STODOLSKY



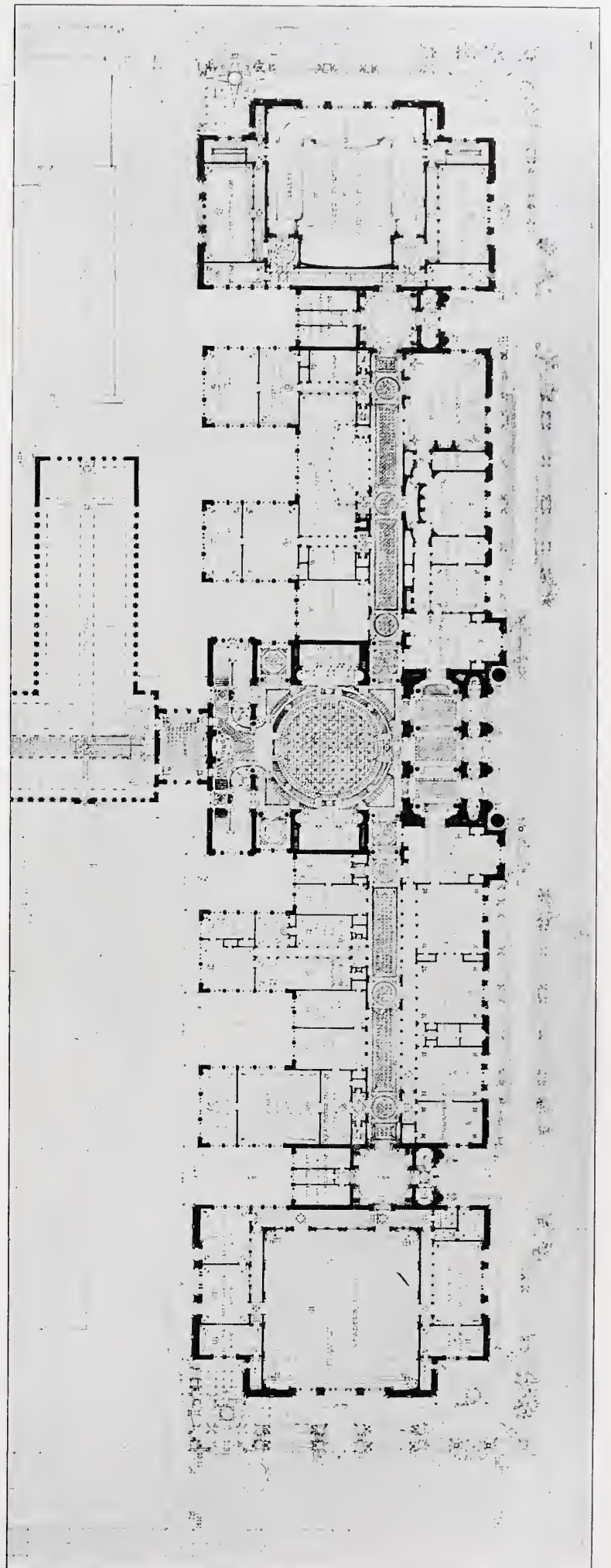
E ELEVATION



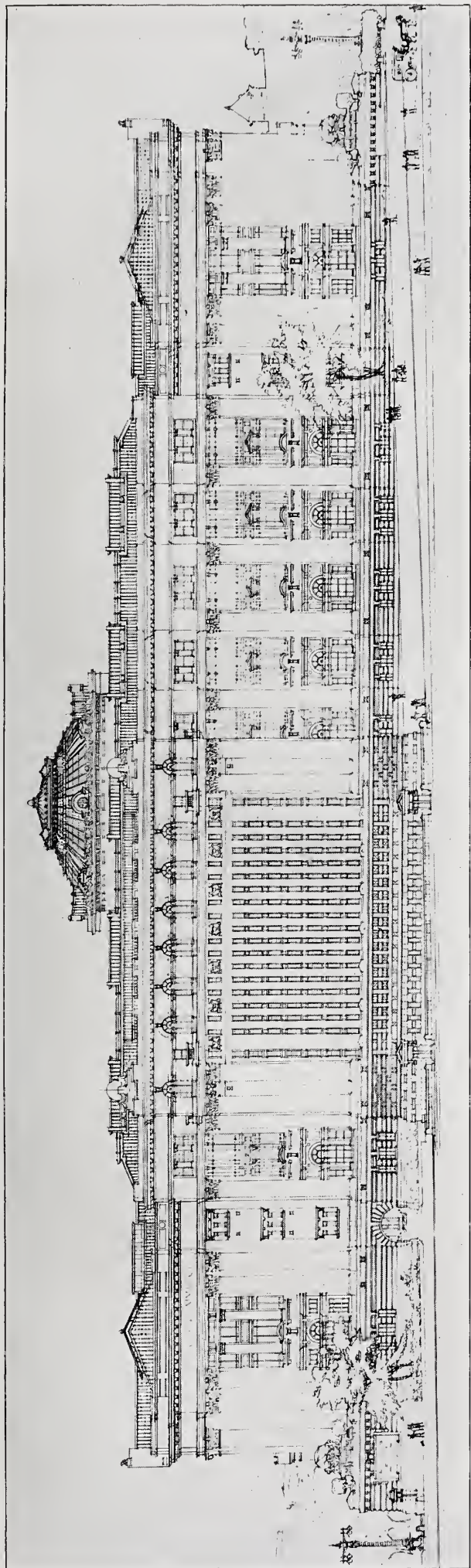
SECTION



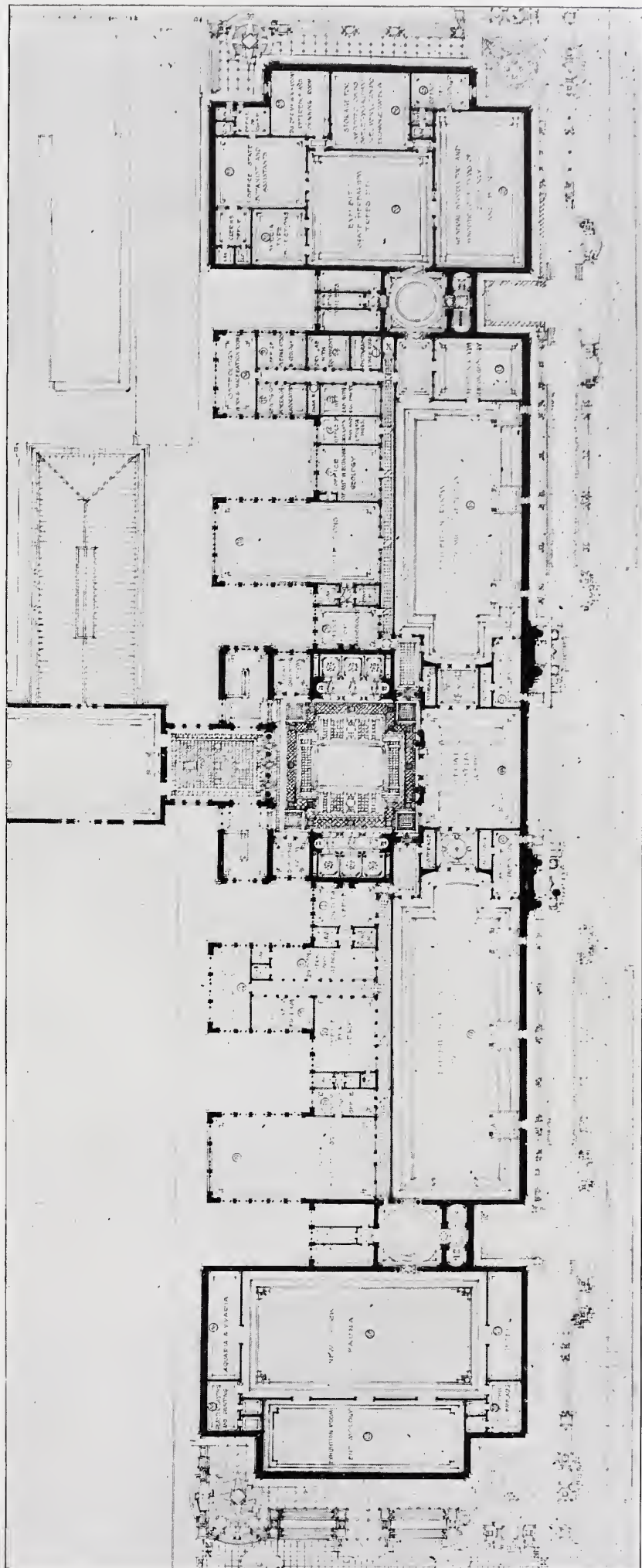
THIRD FLOOR PLAN



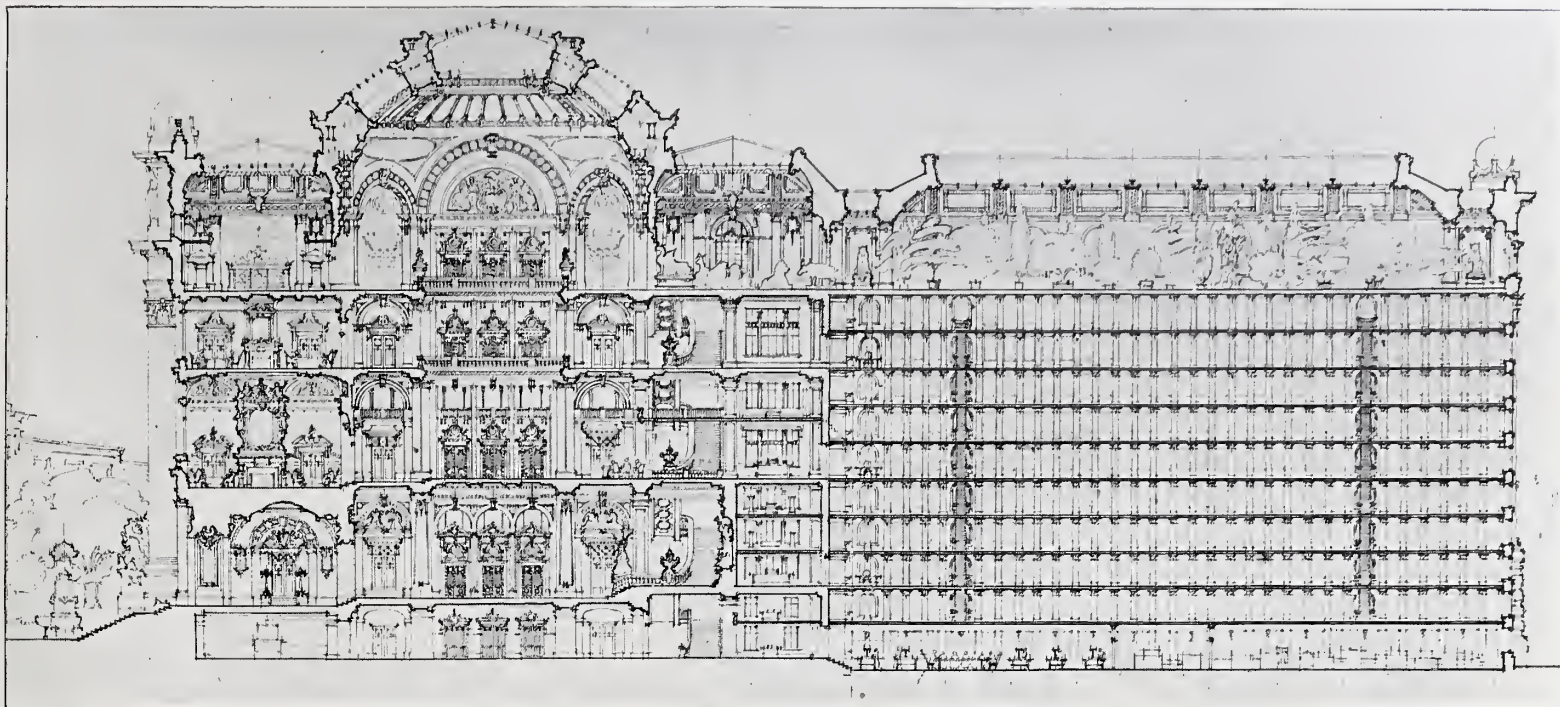
FIRST FLOOR PLAN



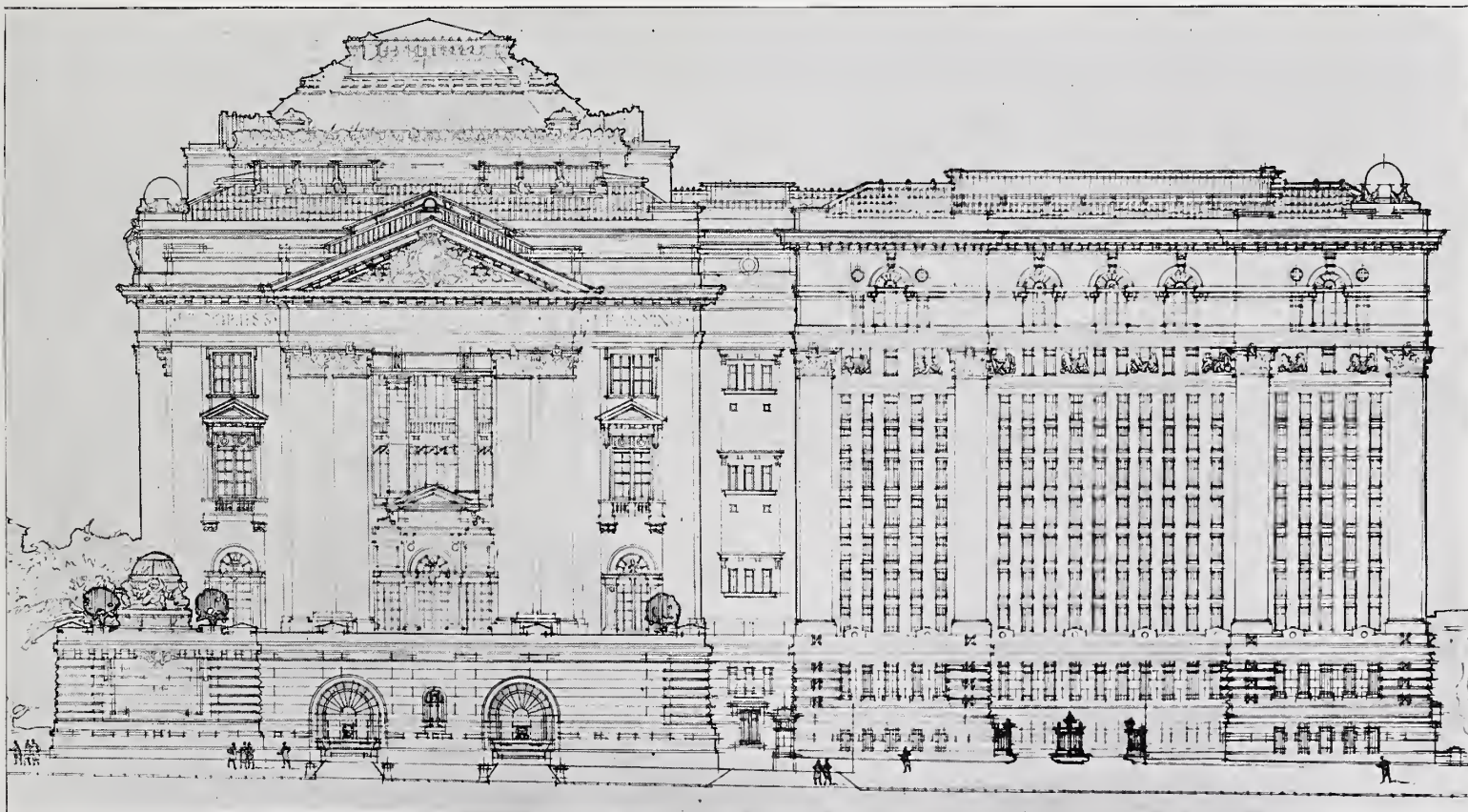
REAR ELEVATION



FOURTH FLOOR PLAN



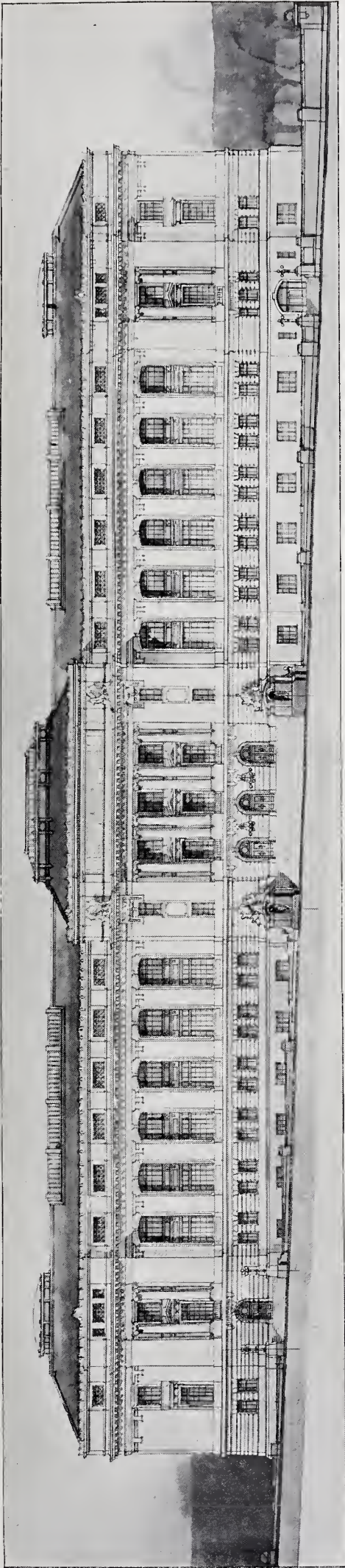
TRANSVERSE SECTION



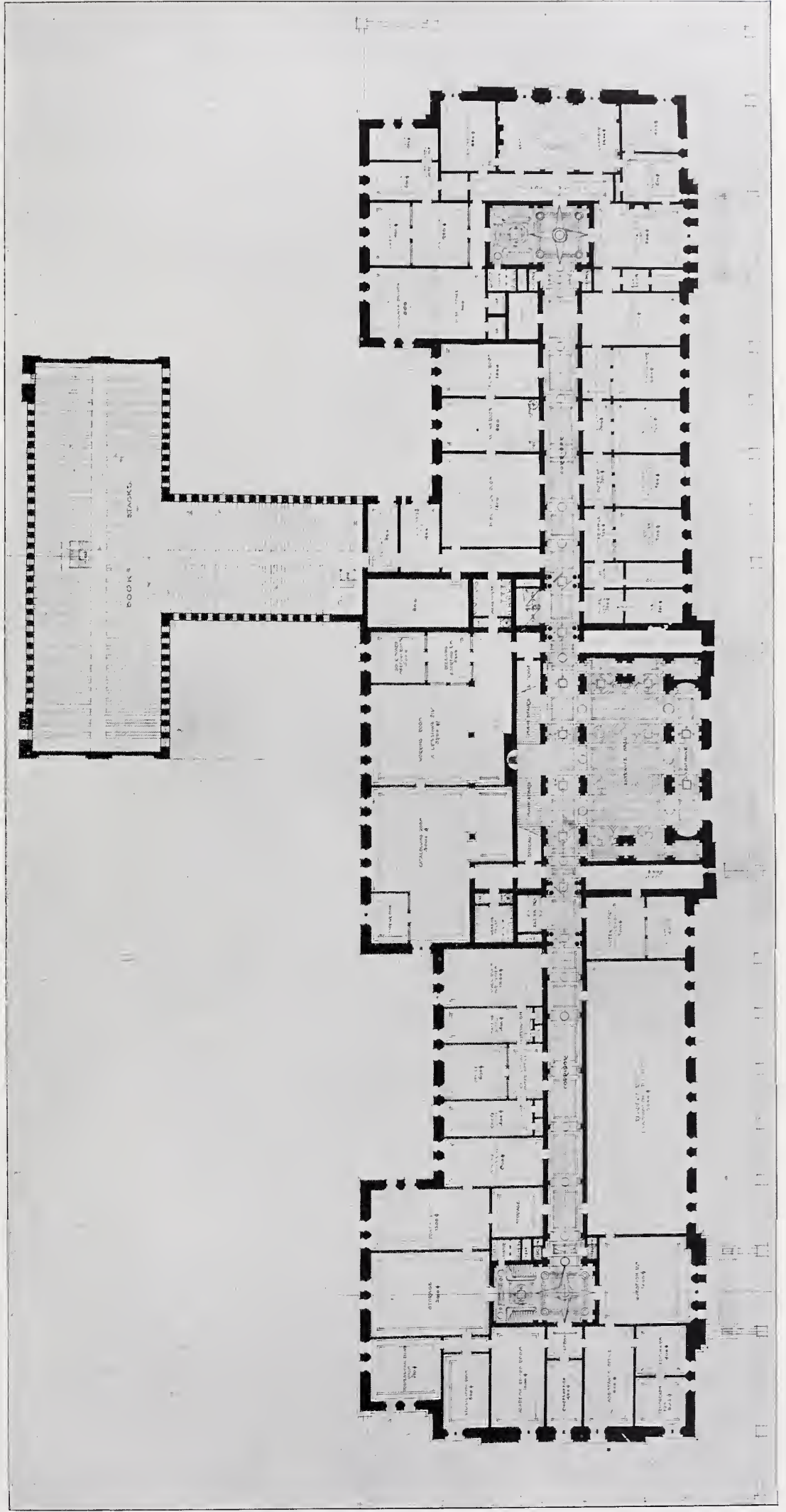
END ELEVATION

STATE EDUCATIONAL BUILDING, ALBANY, NEW YORK

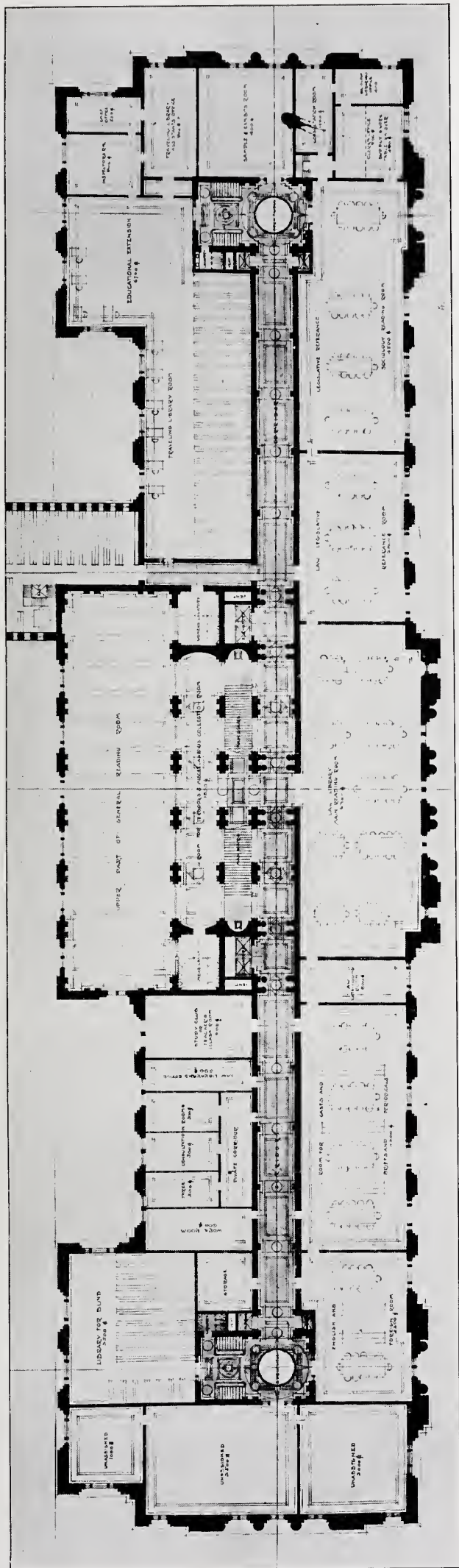
SECOND PRIZE—HOWELLS & STOKES, ARCHITECTS



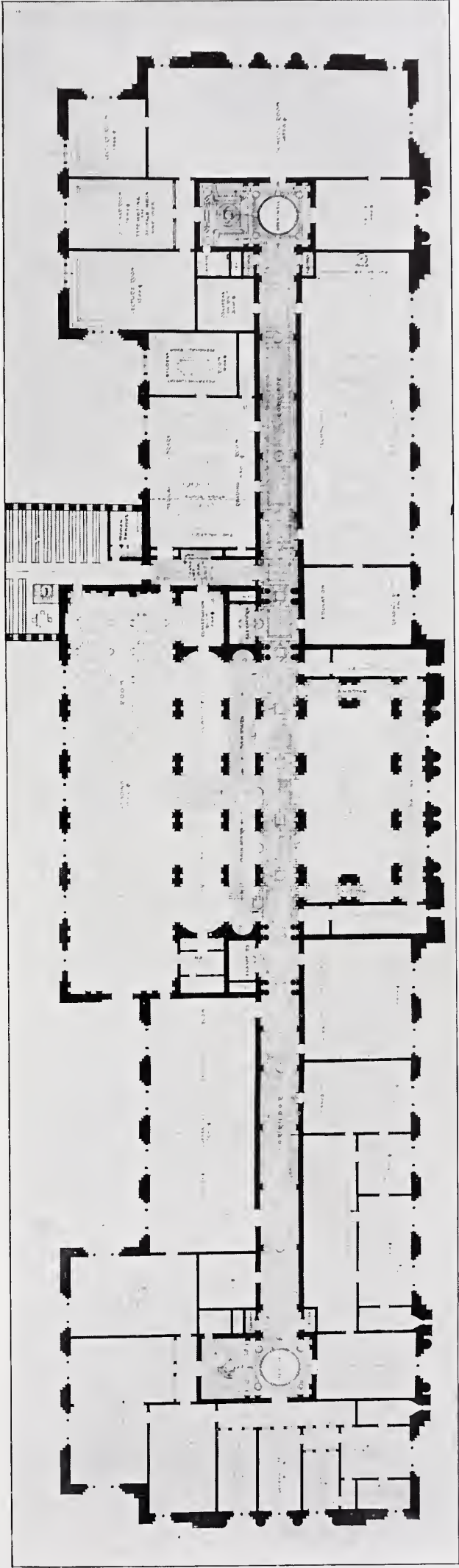
WASHINGTON AVENUE ELEVATION



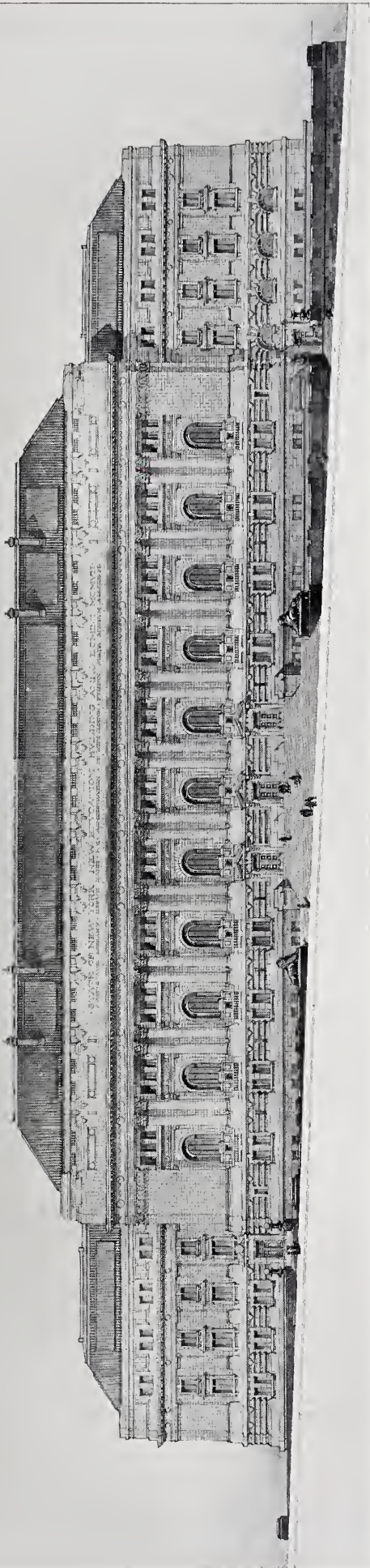
FIRST FLOOR PLAN



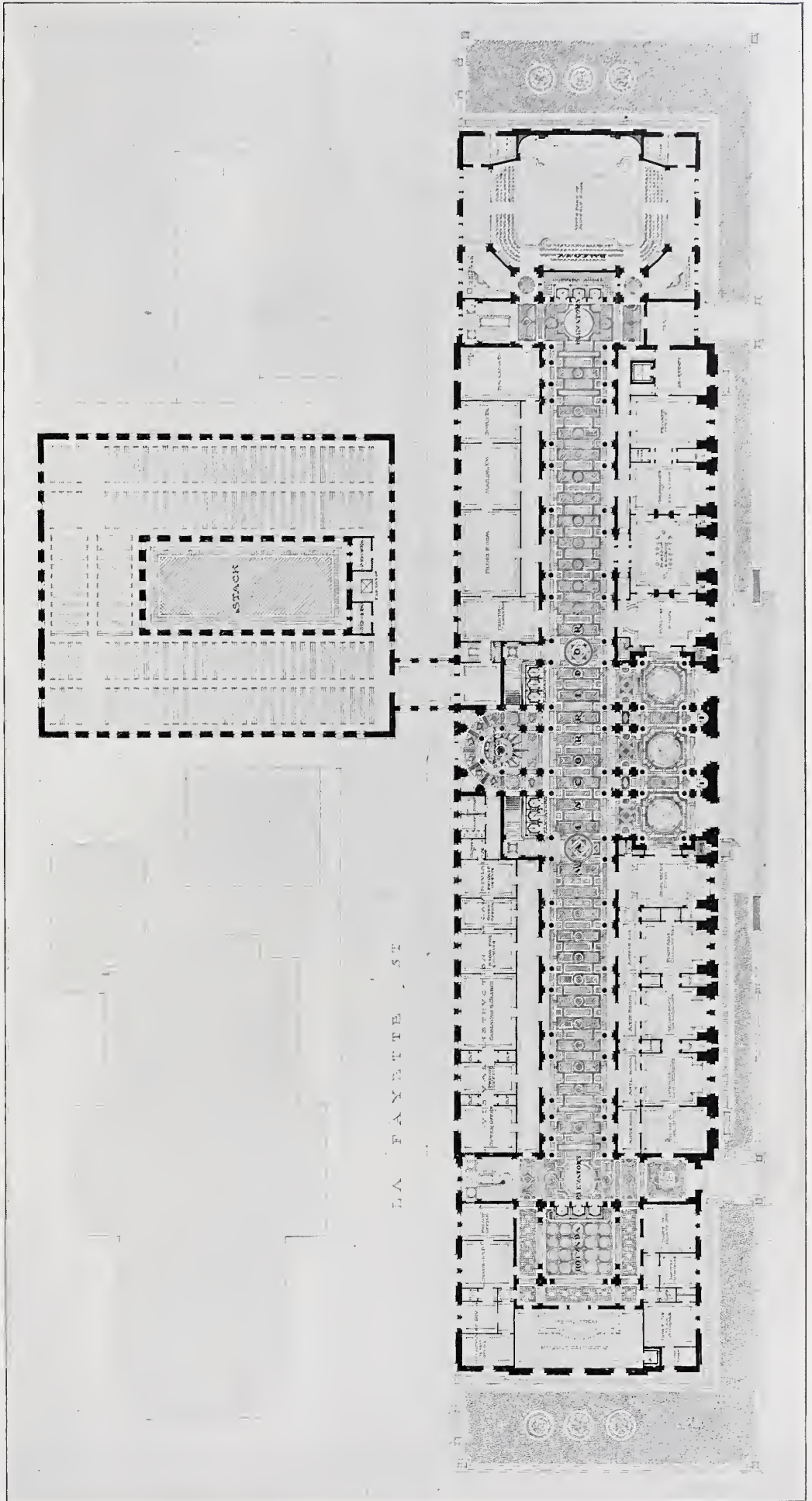
THIRD FLOOR PLAN



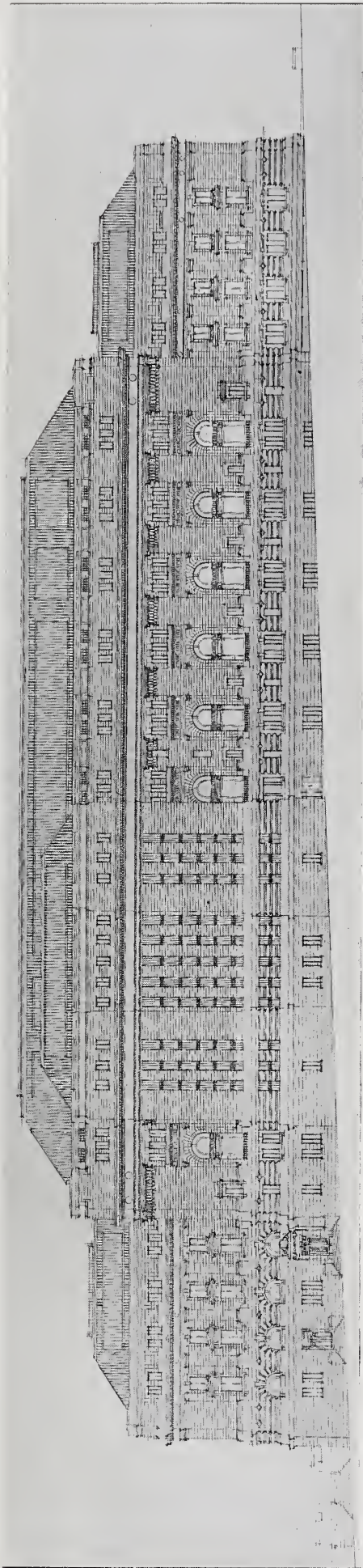
SECOND FLOOR PLAN



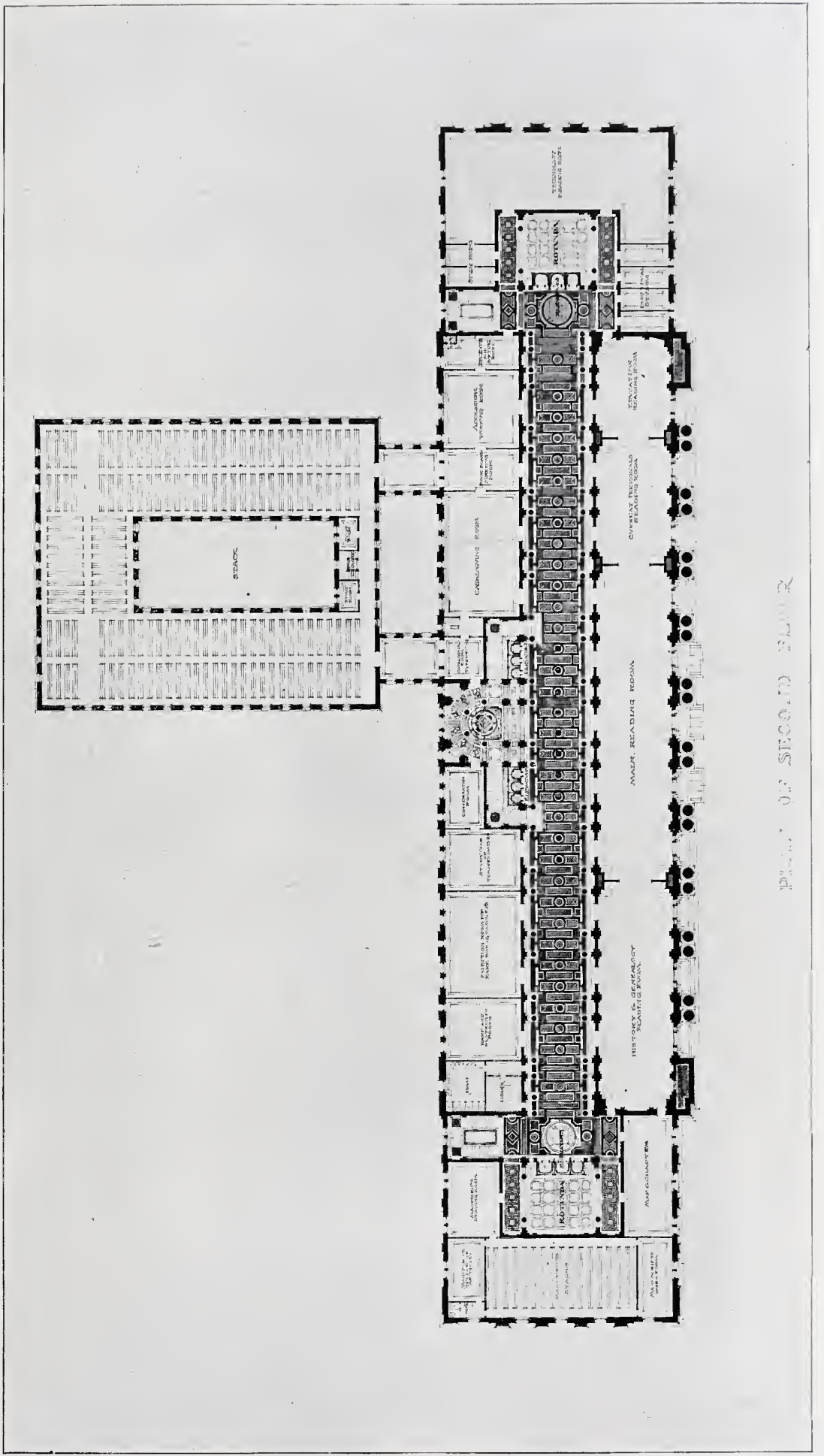
WASHINGTON AVENUE ELEVATION



FIRST FLOOR PLAN

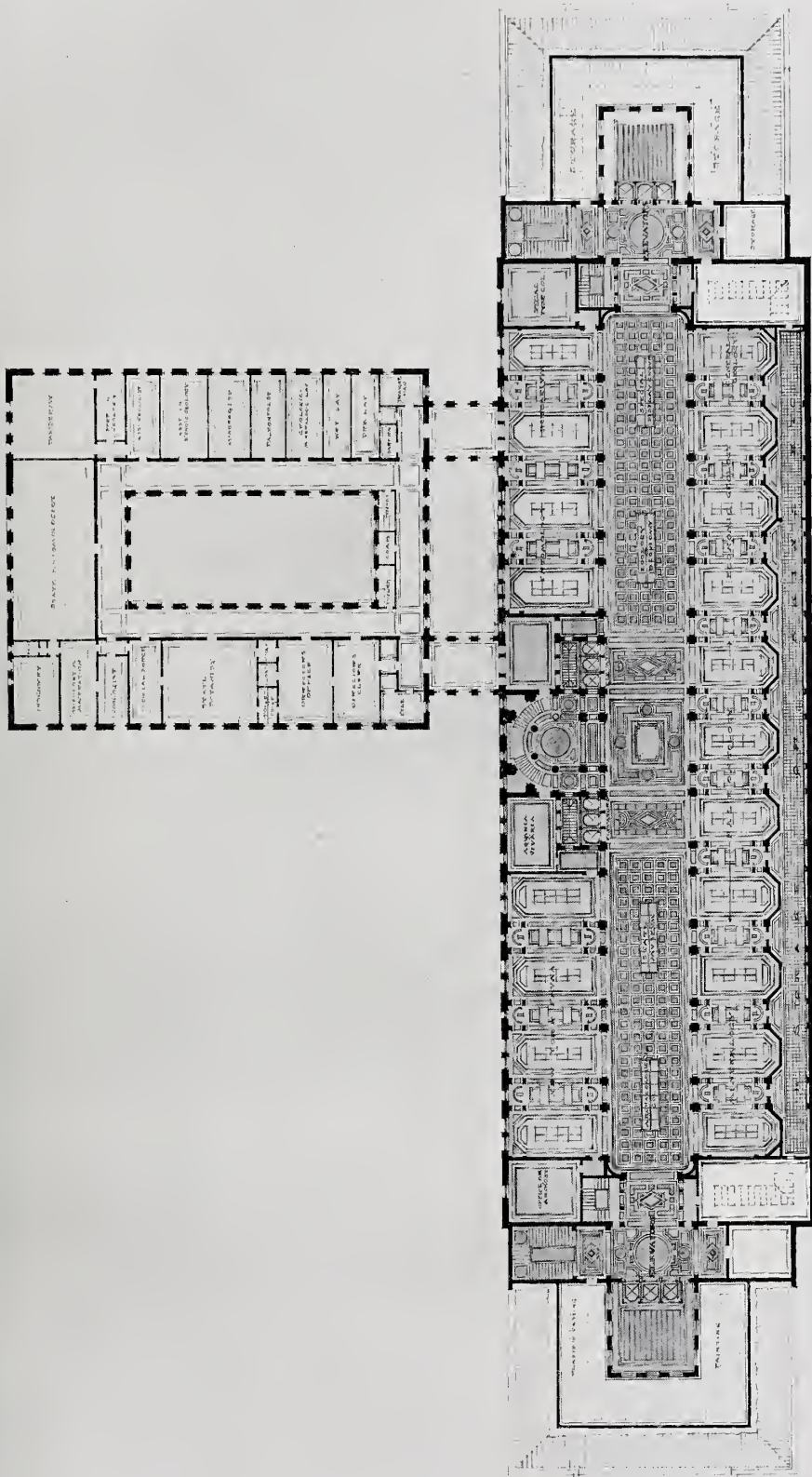


REAR ELEVATION



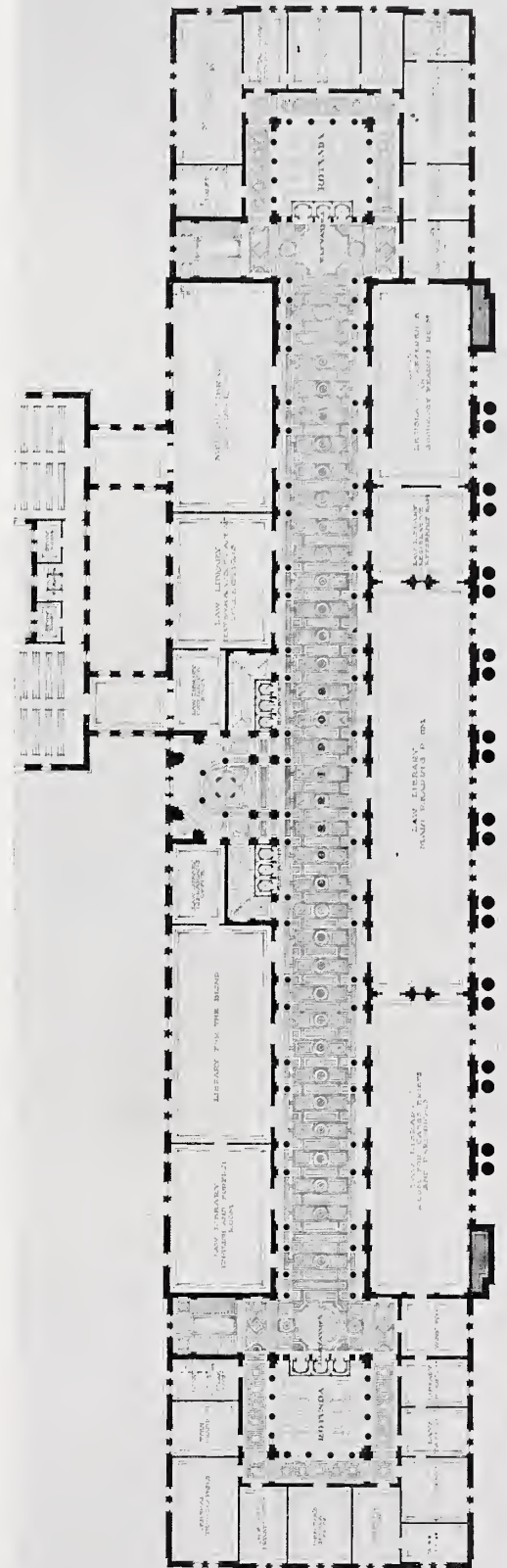
PLAN OF SECOND FLOOR

SECOND FLOOR PLAN

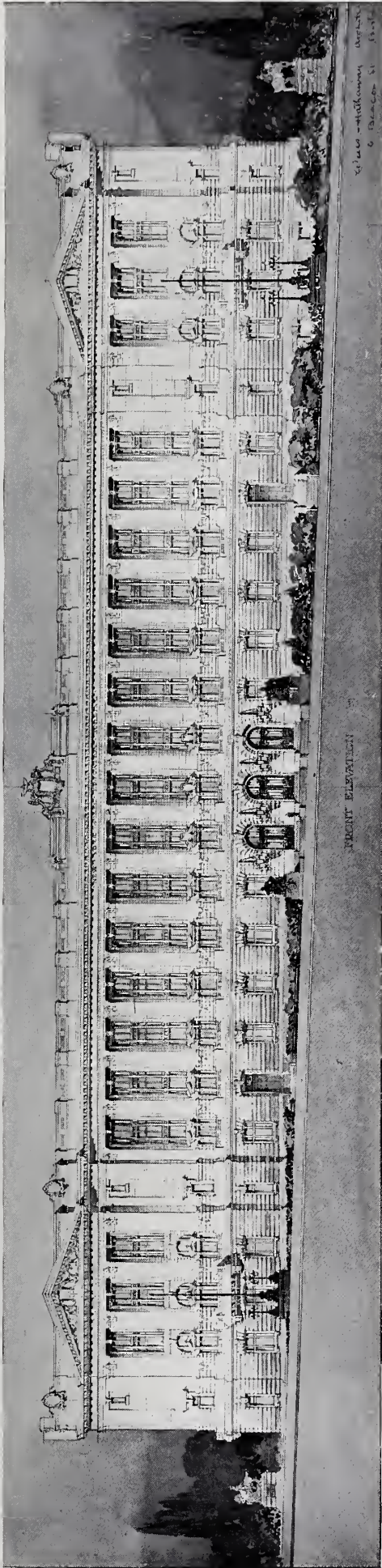


PLAN OF FOURTH FLOOR

FOURTH FLOOR PLAN

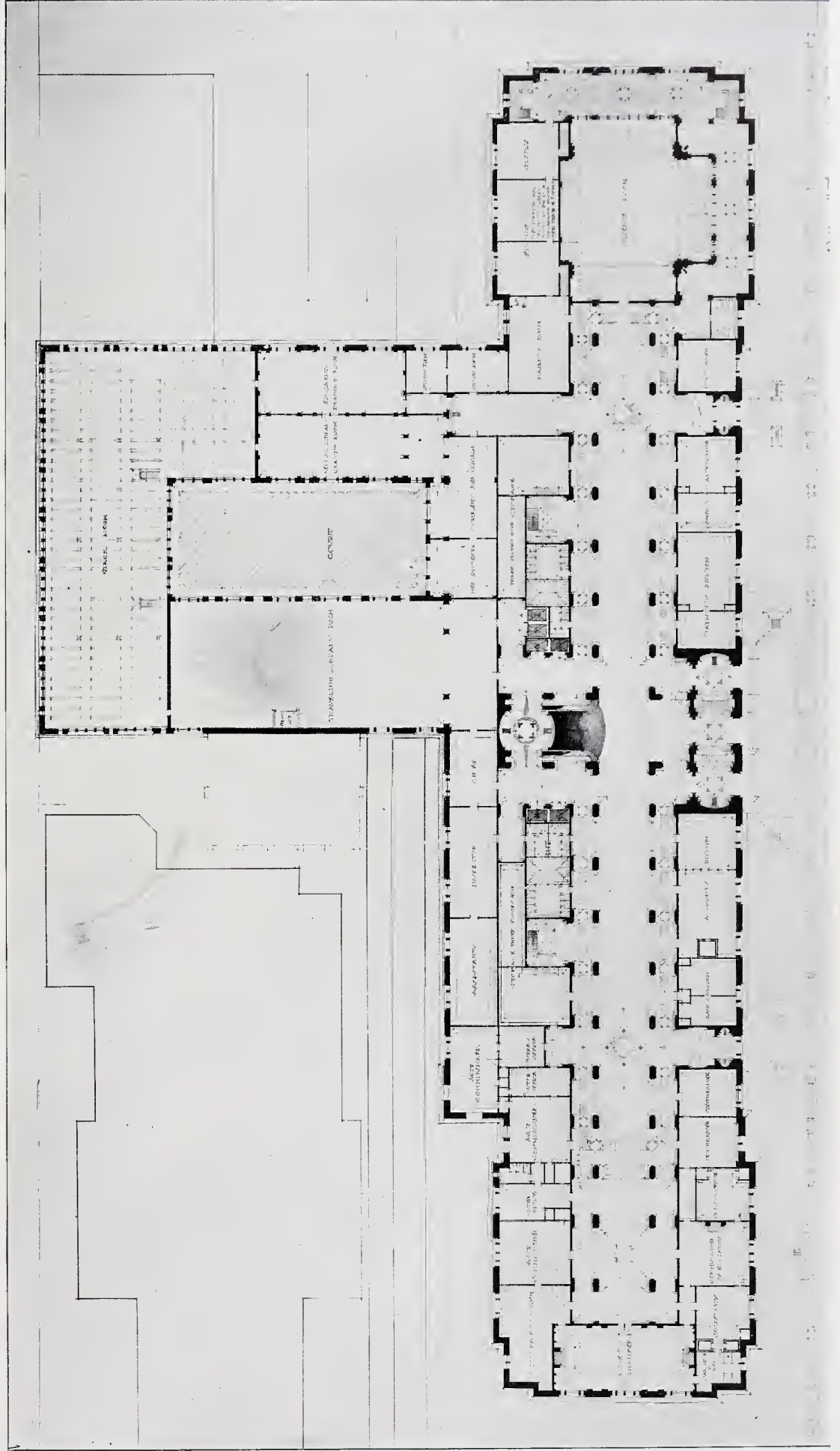


THIRD FLOOR PLAN



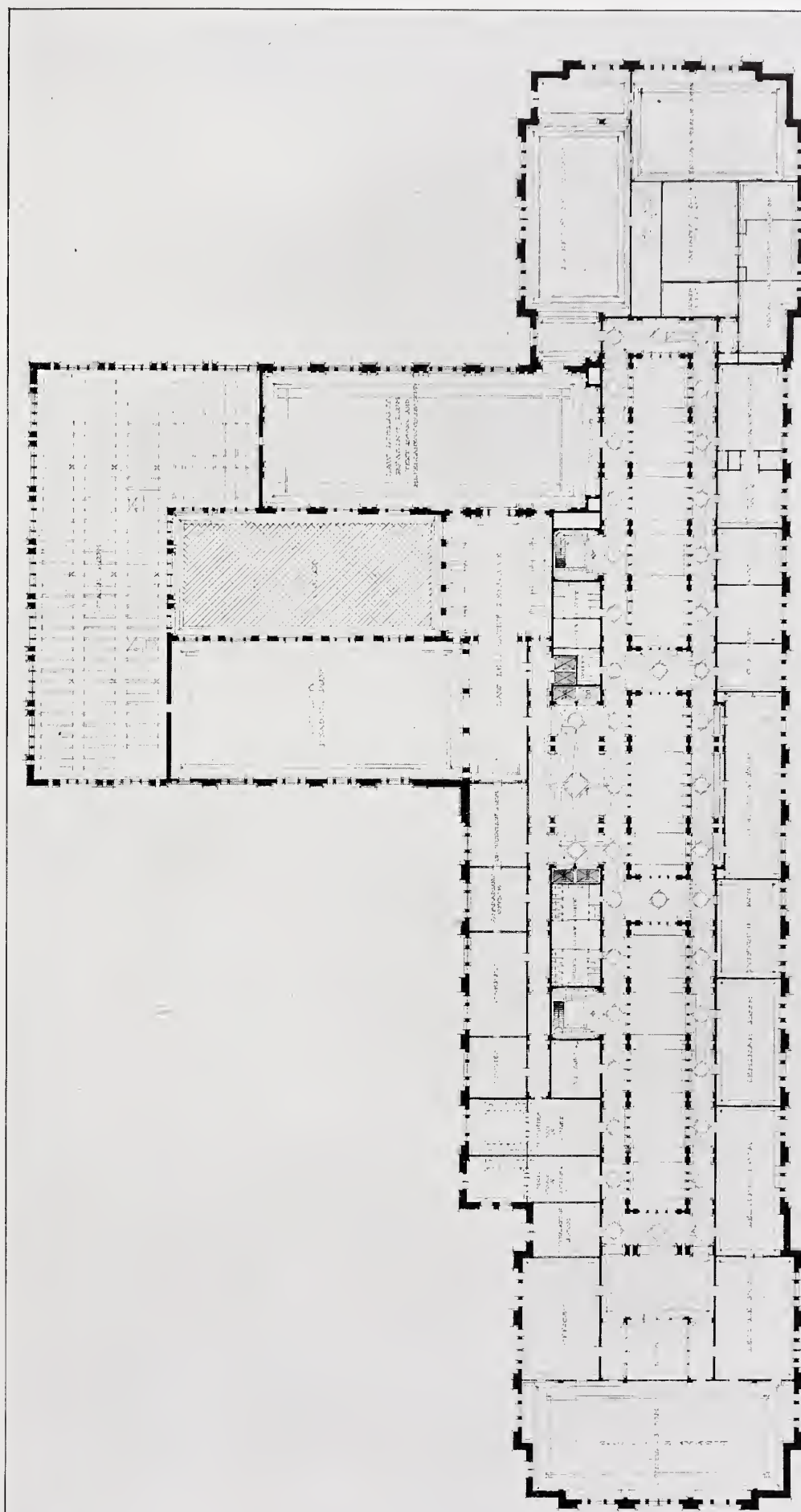
FRONT ELEVATION

WASHINGTON AVENUE ELEVATION



FIRST FLOOR PLAN

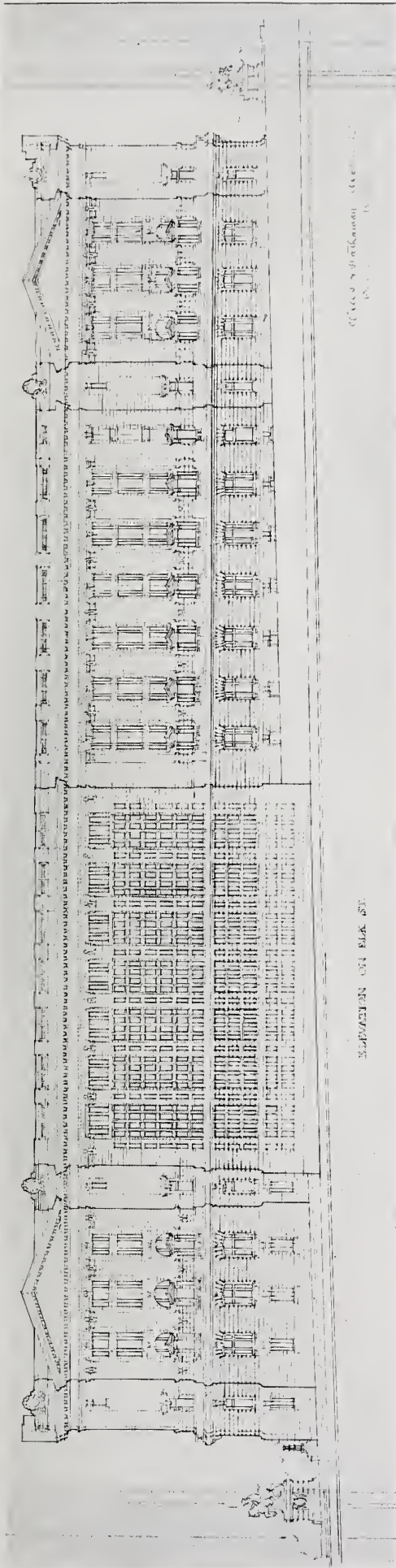
LONGITUDINAL SECTION



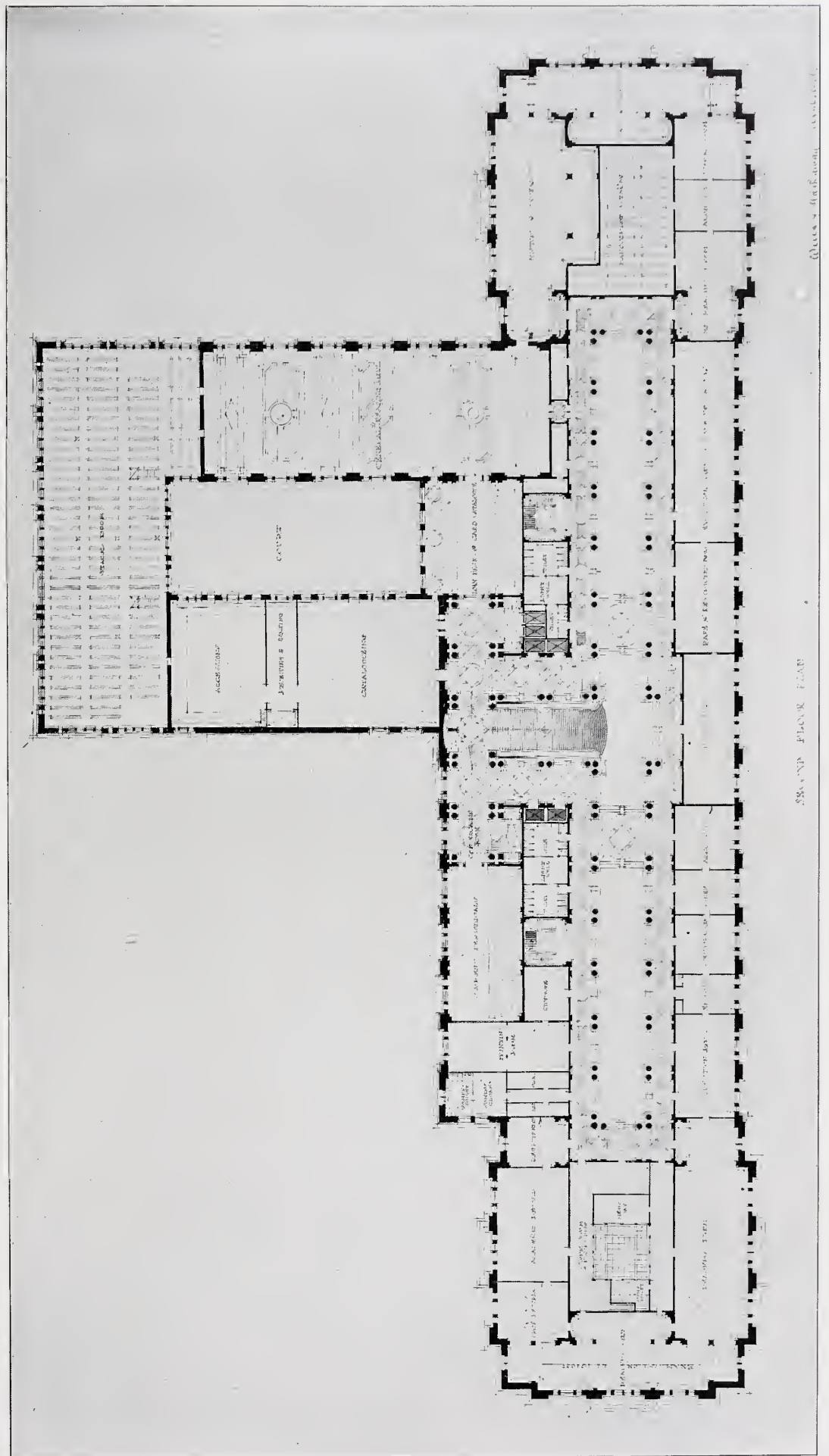
THEIR WORK AND

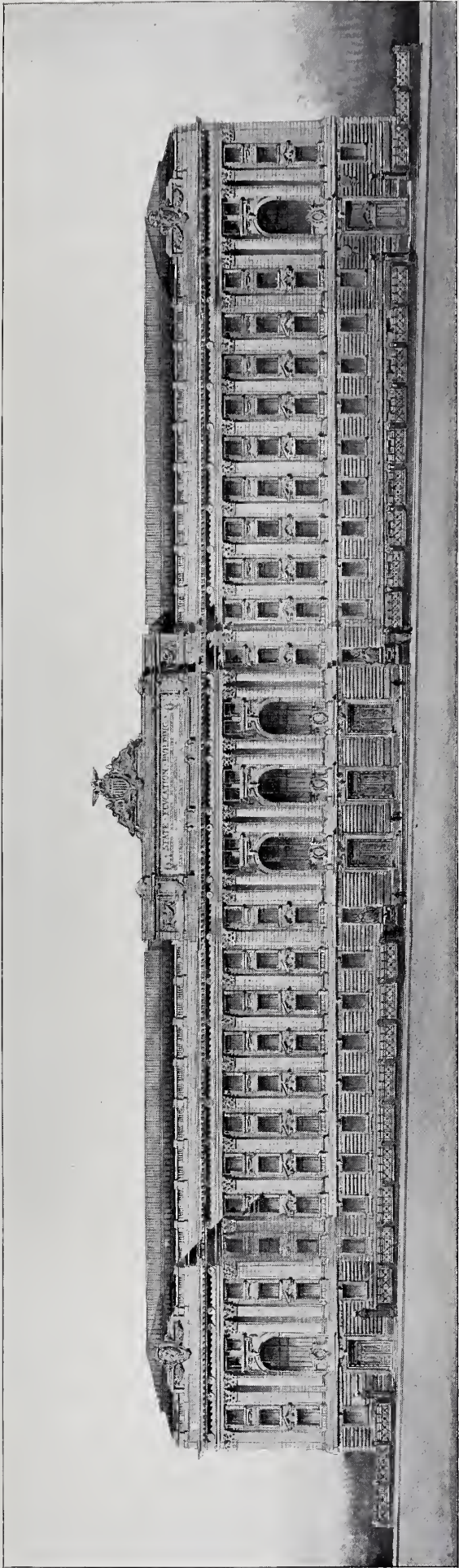
THIRD FLOOR PLAN

$\text{C}_6\text{H}_5\text{COOH} + \text{NaOH} \rightarrow \text{C}_6\text{H}_5\text{COONa} + \text{H}_2\text{O}$

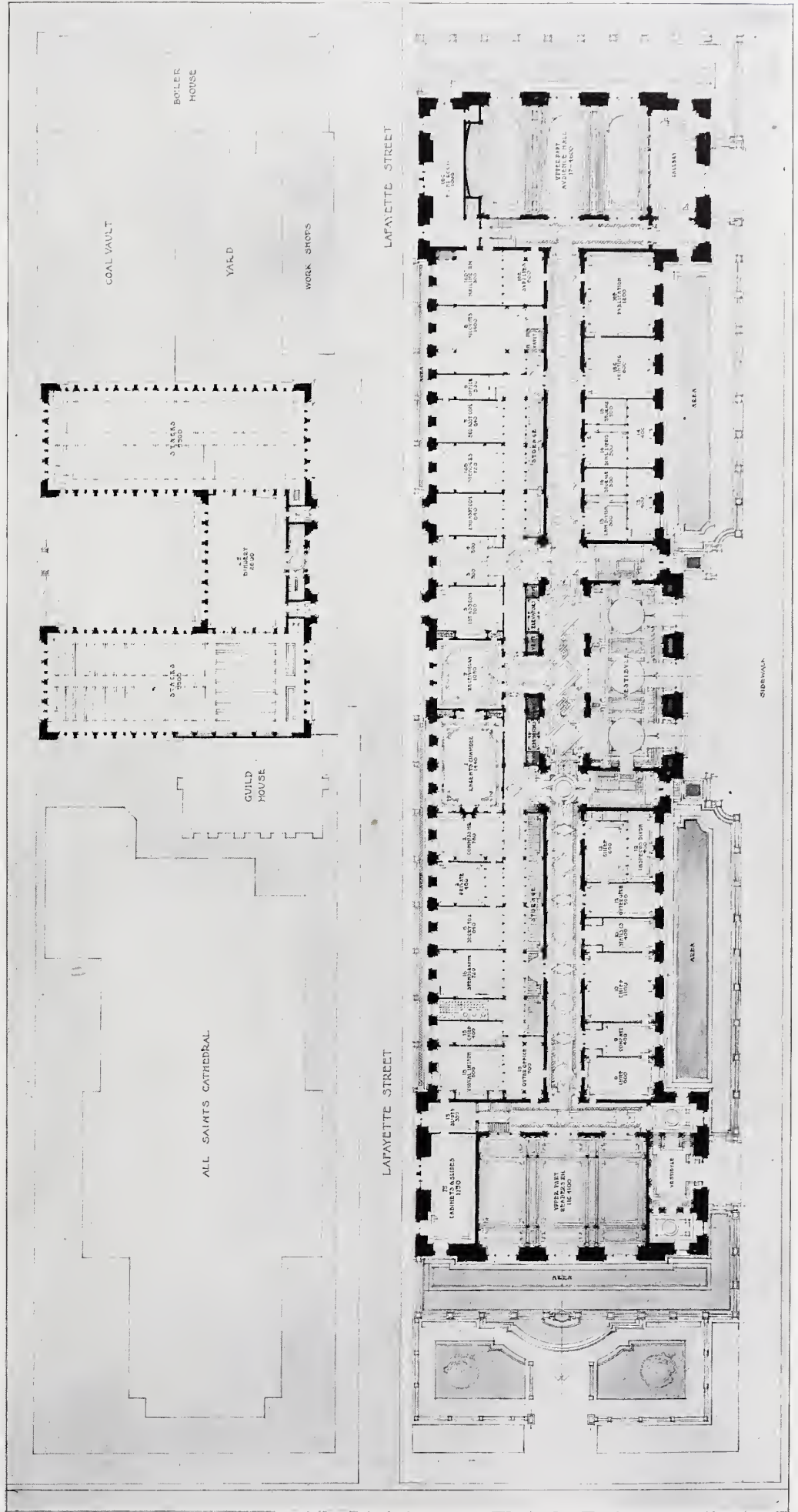


REAR ELEVATION

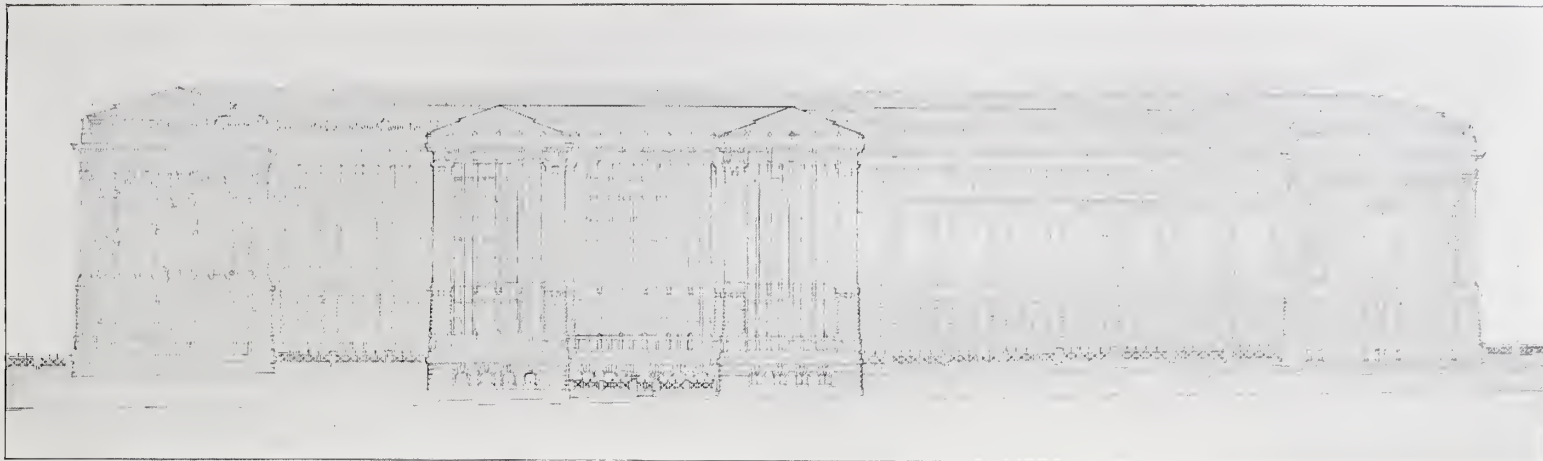




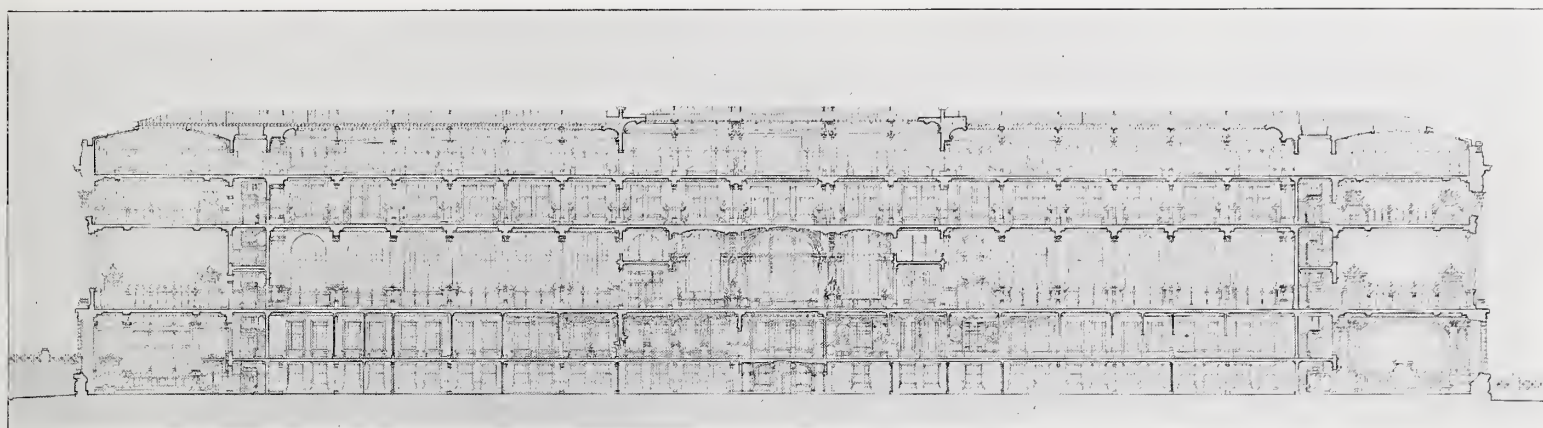
WASHINGTON AVENUE ELEVATION



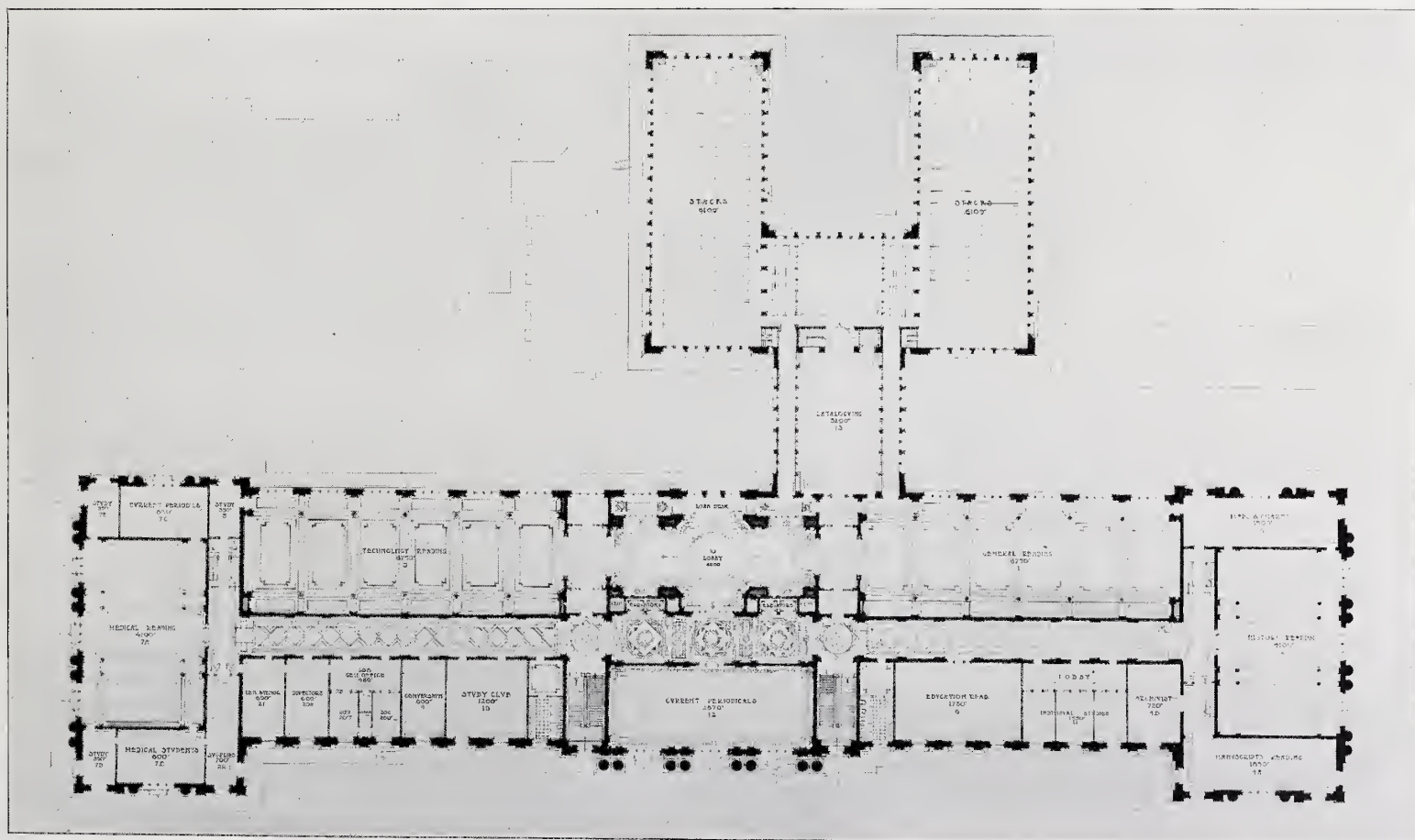
FIRST FLOOR PLAN



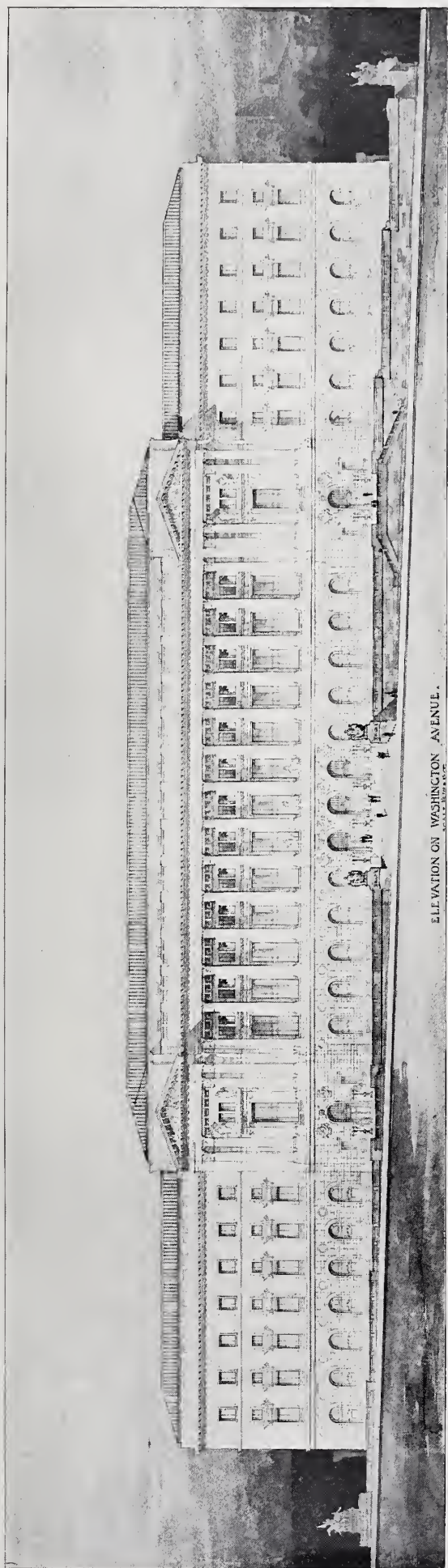
REAR ELEVATION



LONGITUDINAL SECTION

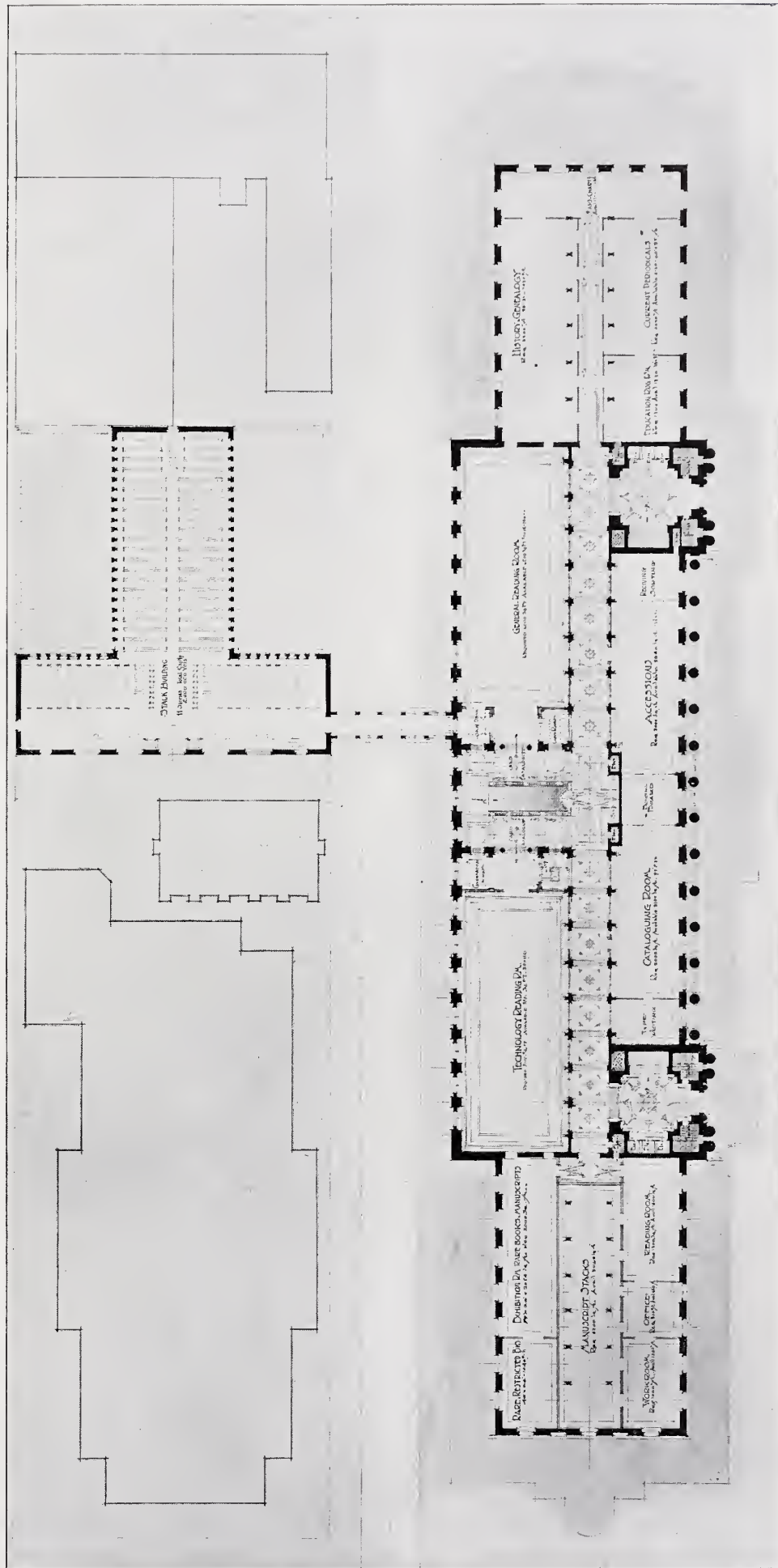


SECOND FLOOR PLAN

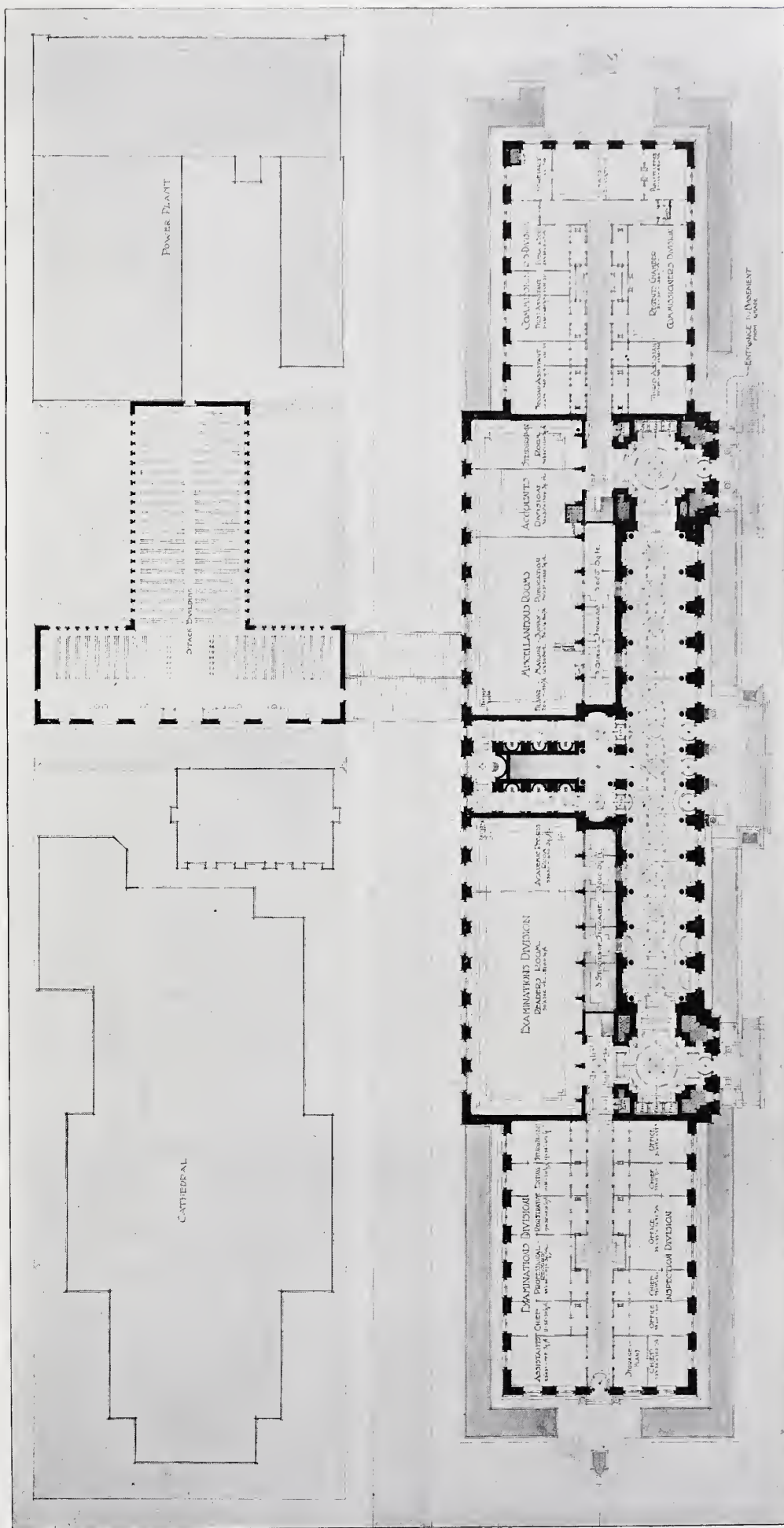
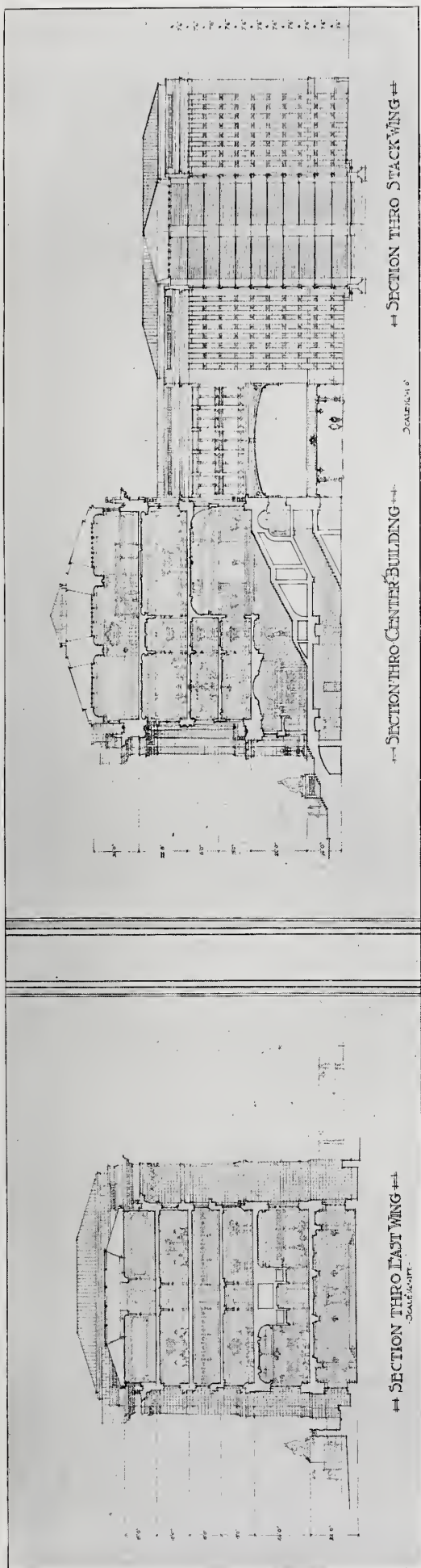


ELEVATION ON WASHINGTON AVENUE.

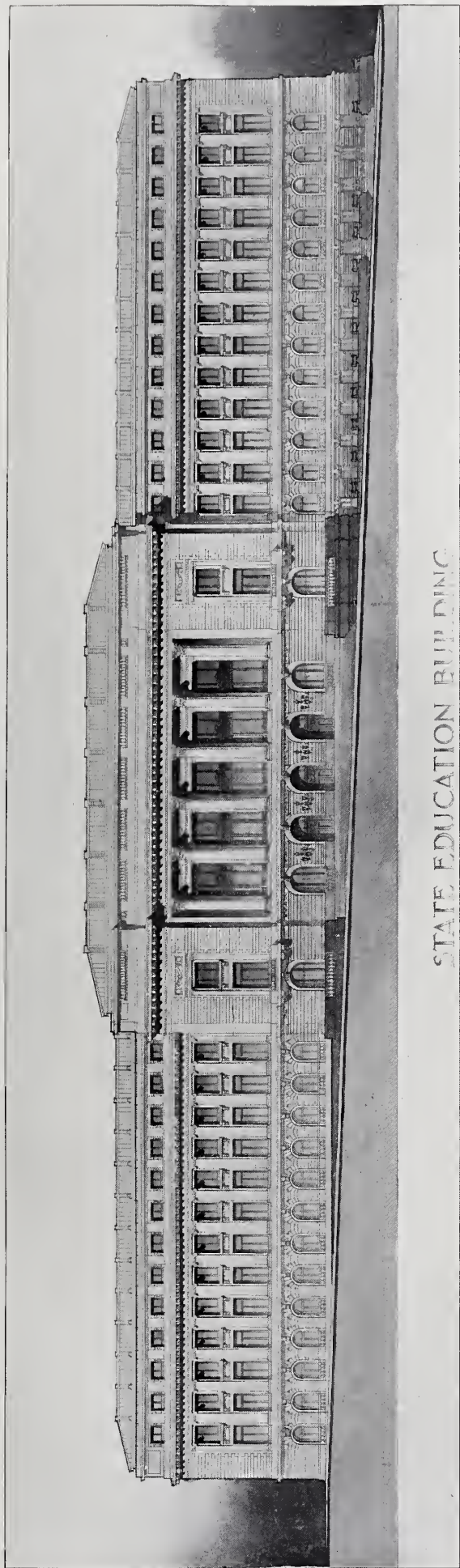
WASHINGTON AVENUE ELEVATION



FIRST FLOOR PLAN

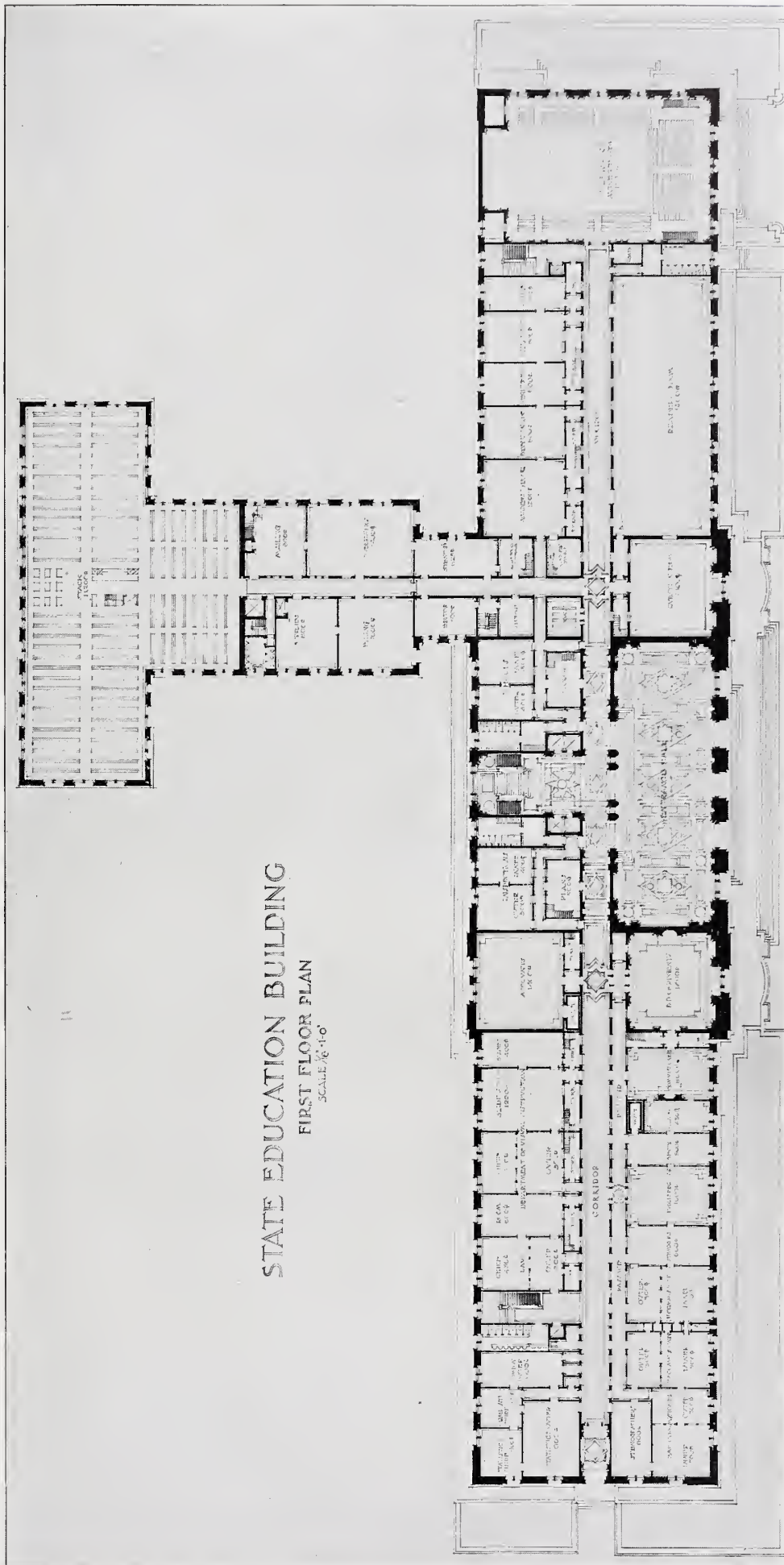


SECOND FLOOR PLAN



STATE EDUCATION BUILDING

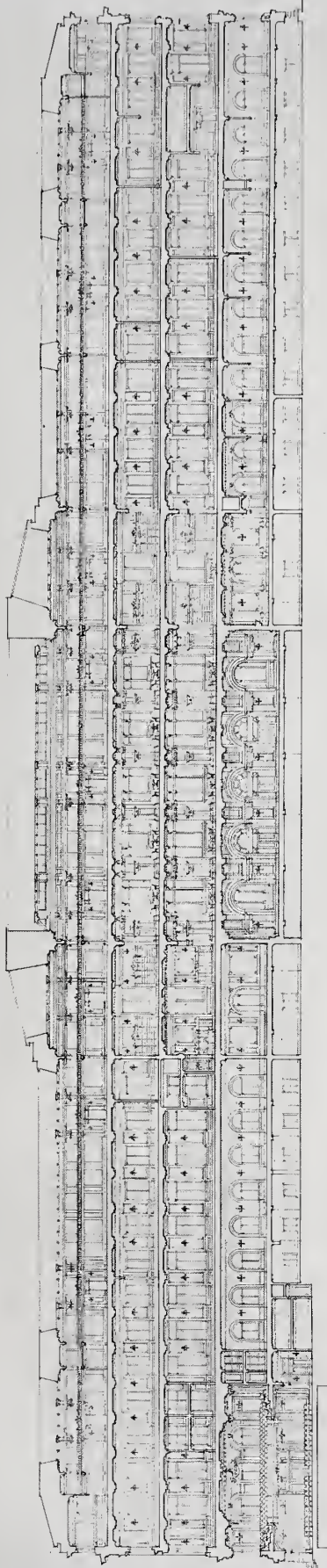
WASHINGTON AVENUE ELEVATION



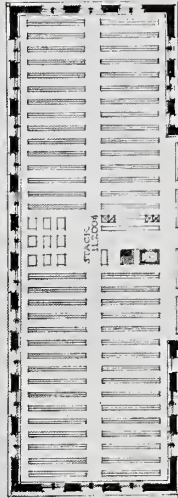
STATE EDUCATION BUILDING

FIRST FLOOR PLAN
SCALE 1/8" = 1'-0"

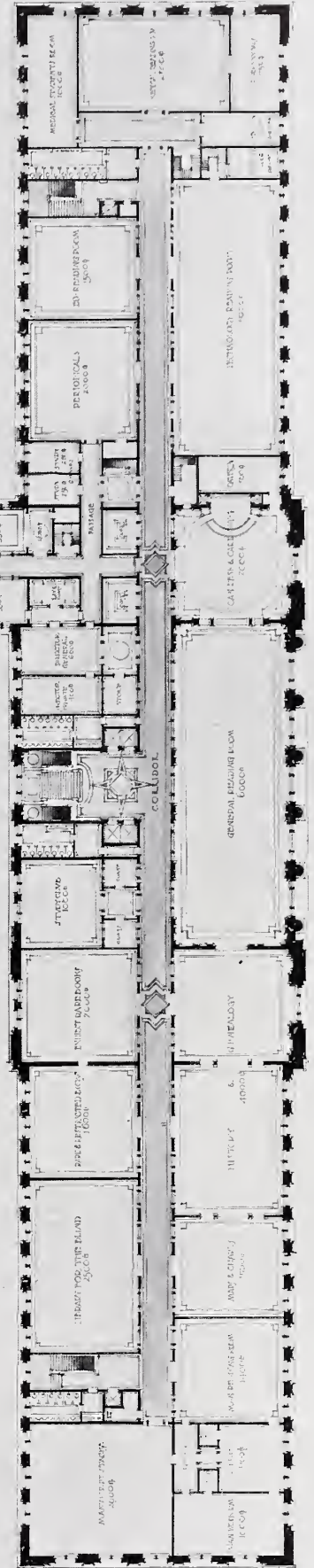
FIRST FLOOR PLAN



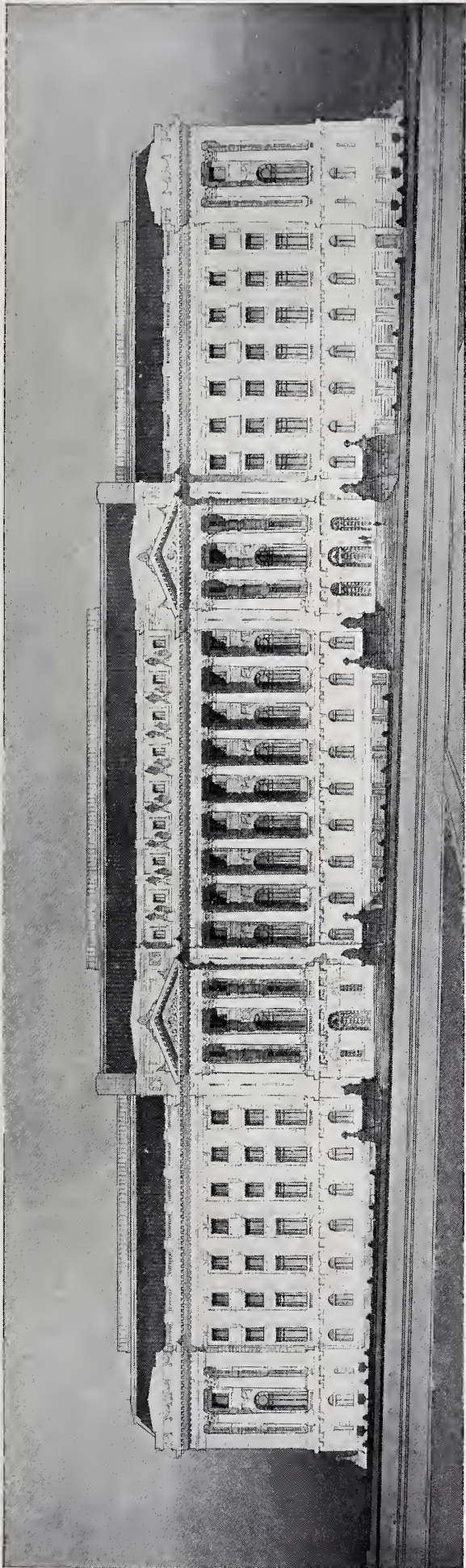
LONGITUDINAL SECTION



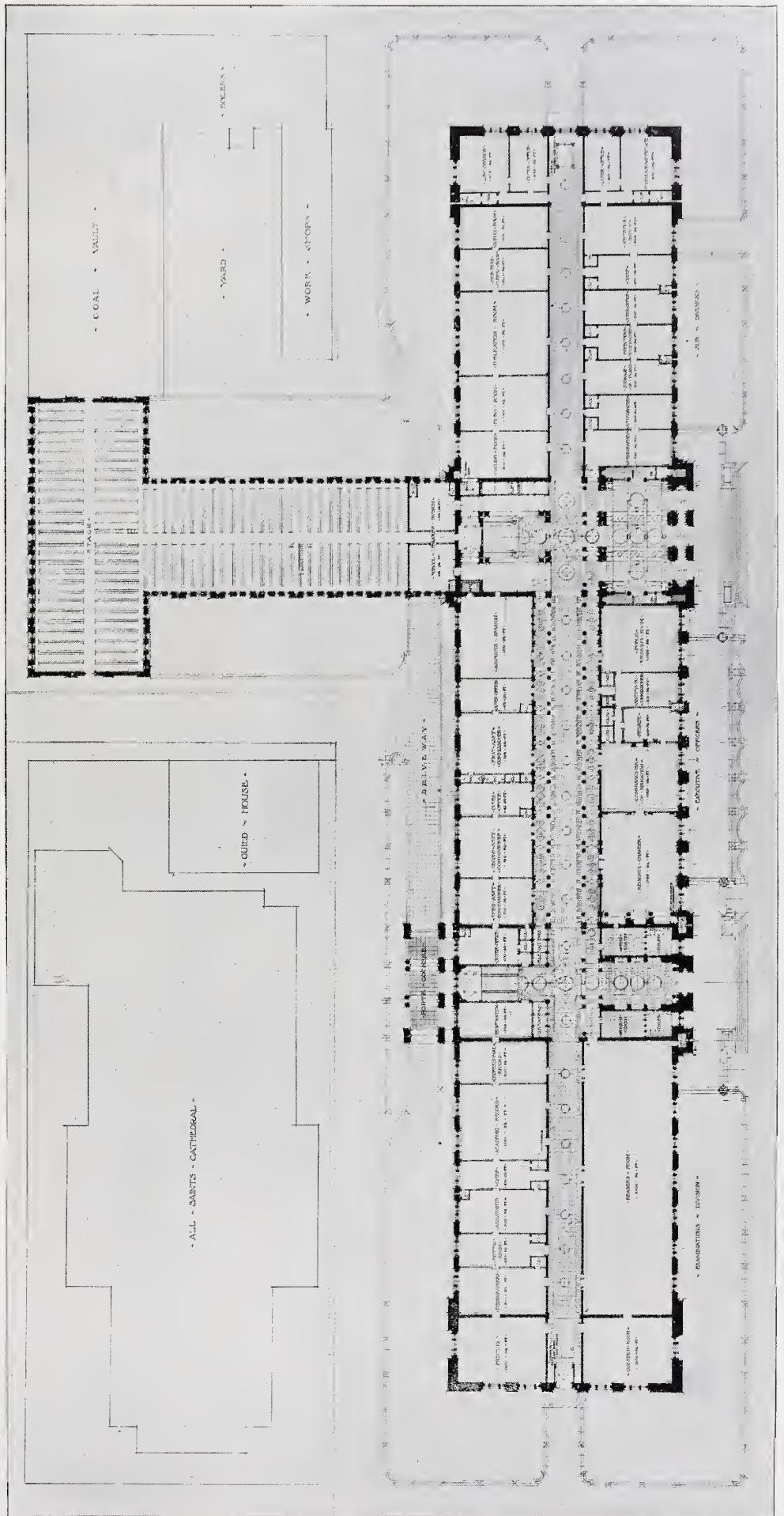
STATE EDUCATION BUILDING
SECOND FLOOR PLAN
SCALE 1/16" = 1'-0"



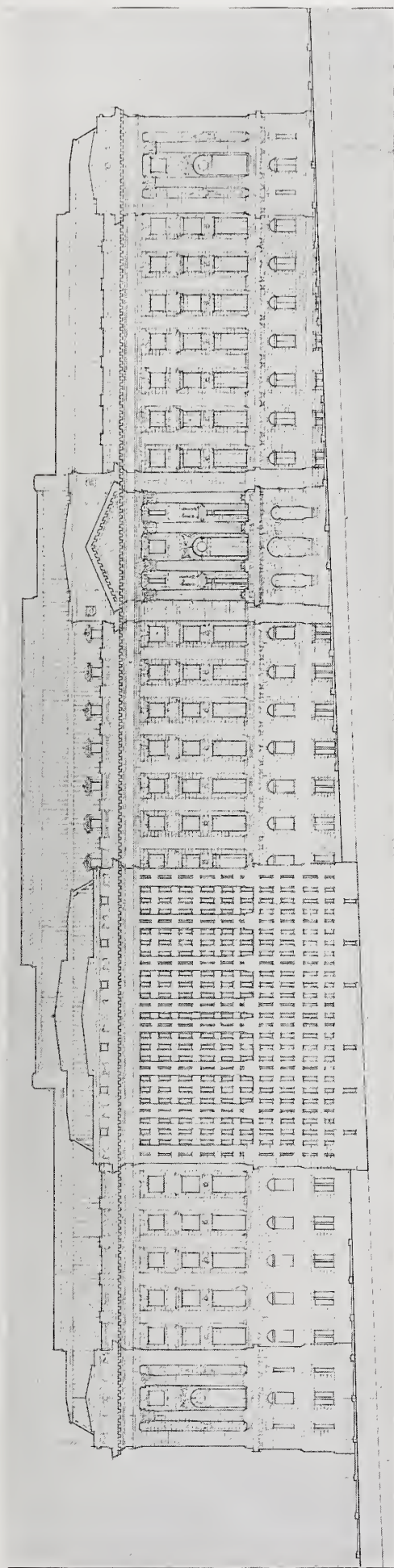
SECOND FLOOR PLAN



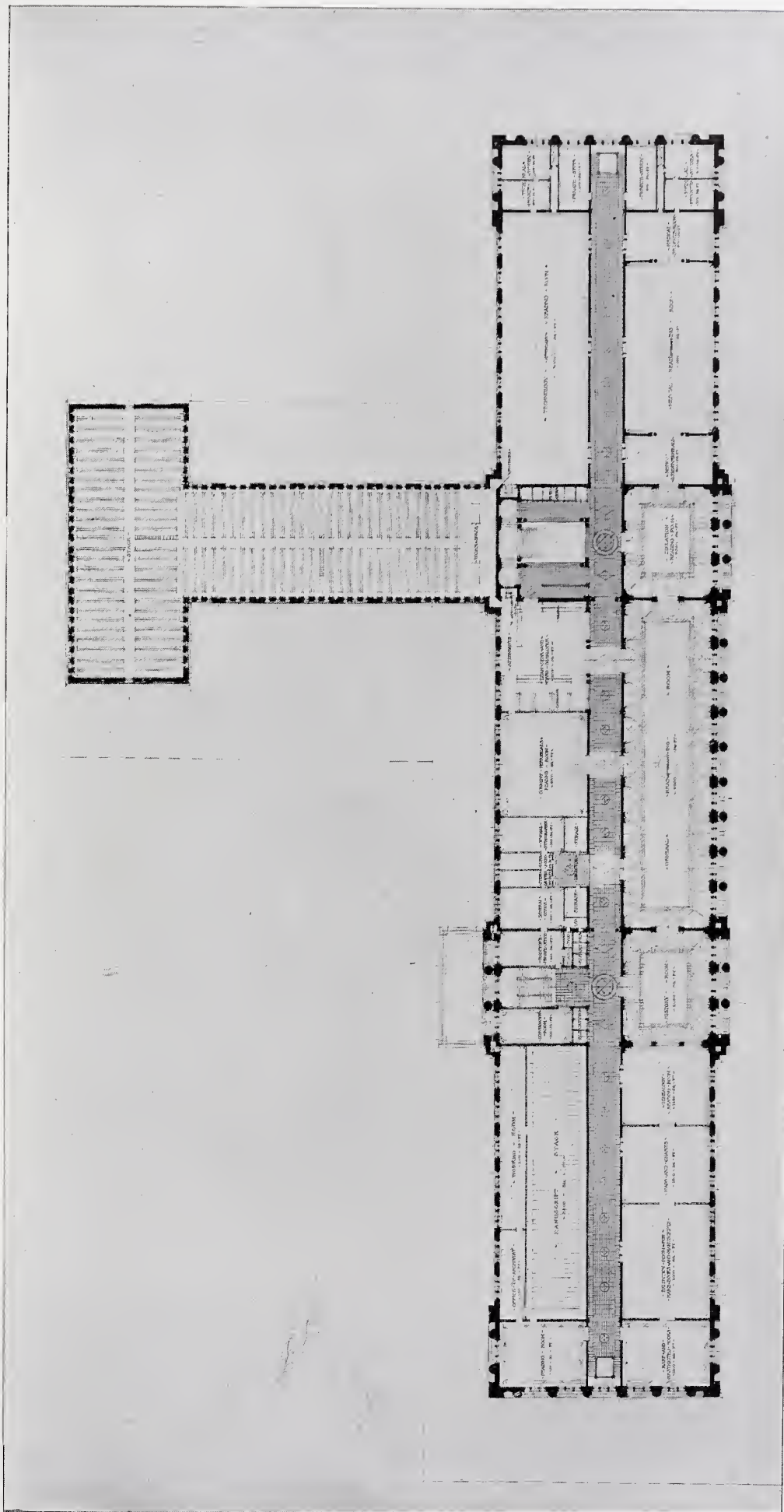
WASHINGTON AVENUE ELEVATION



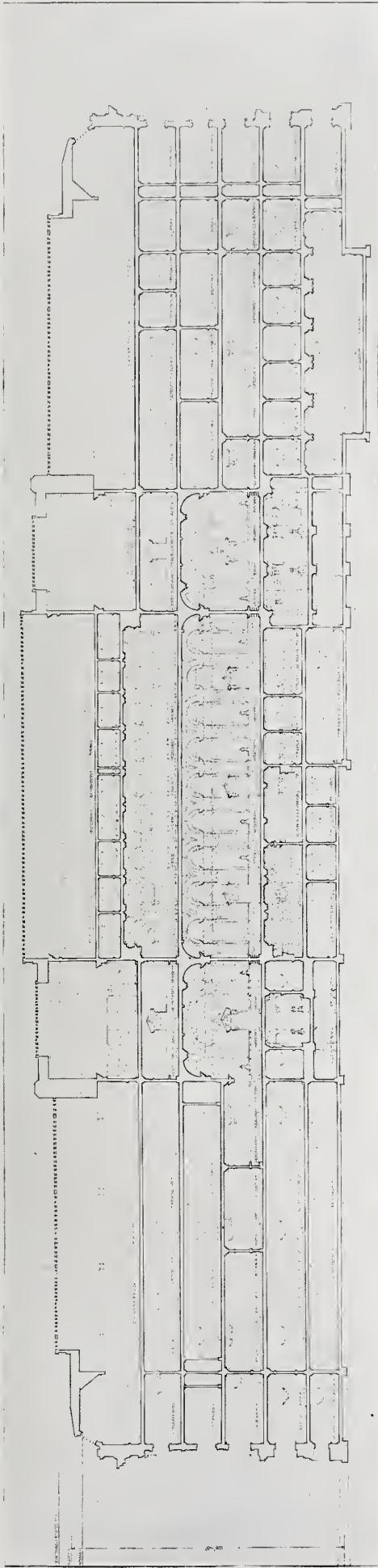
FIRST FLOOR PLAN



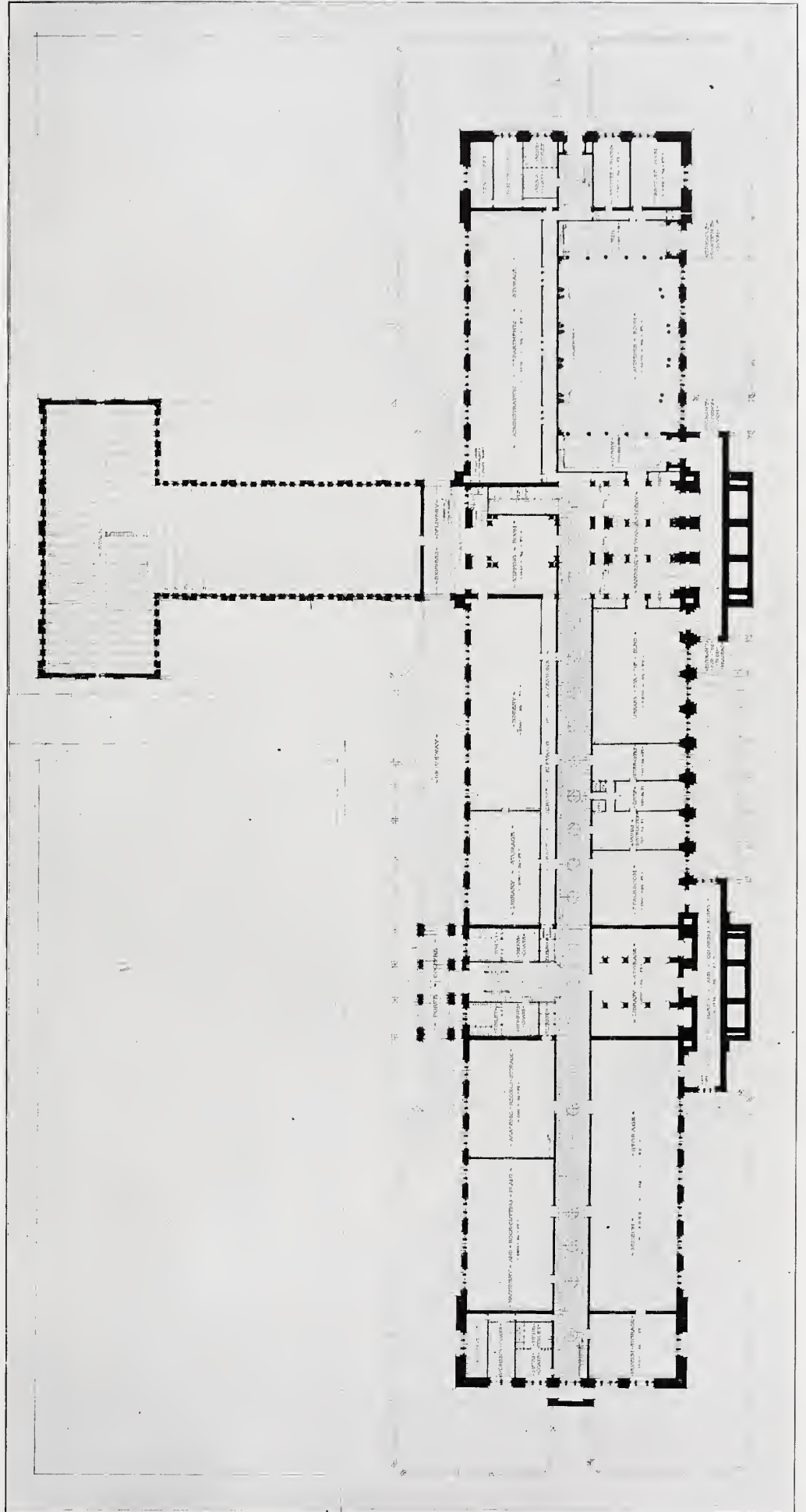
REAR ELEVATION



SECOND FLOOR PLAN



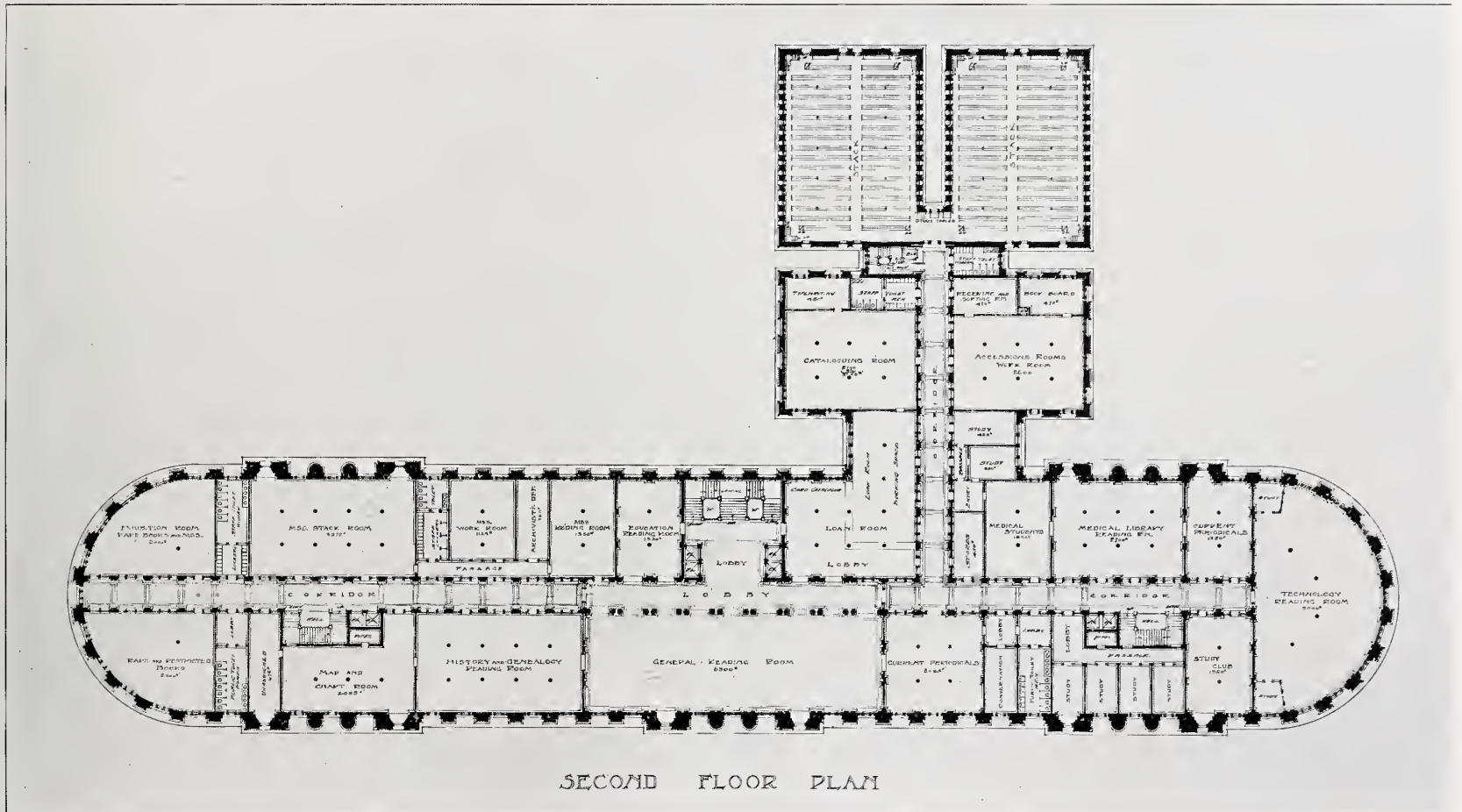
LONGITUDINAL SECTION



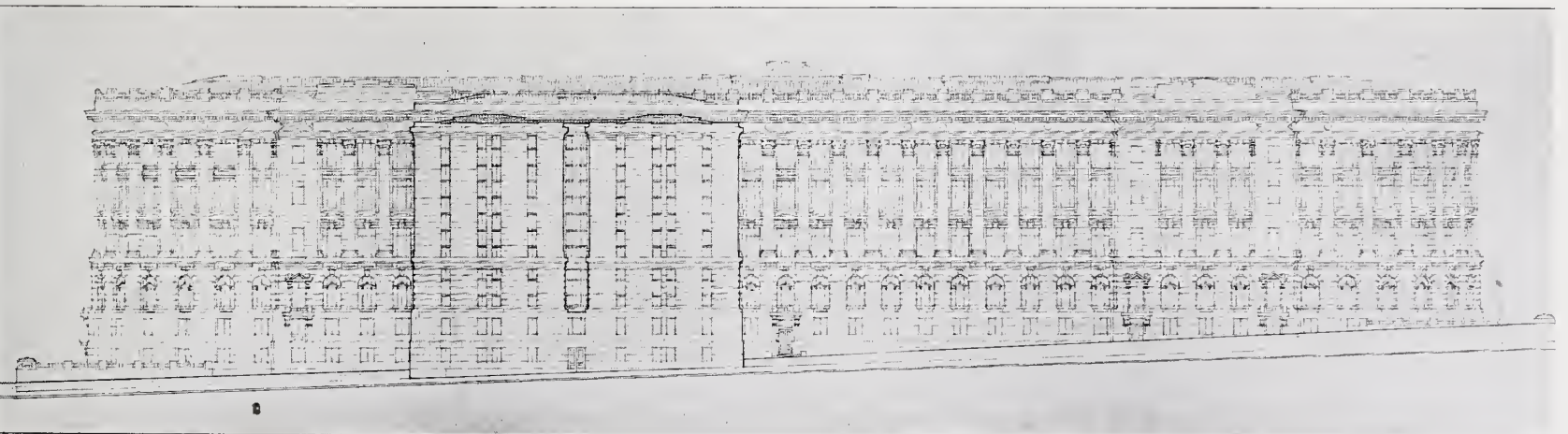
BASEMENT PLAN



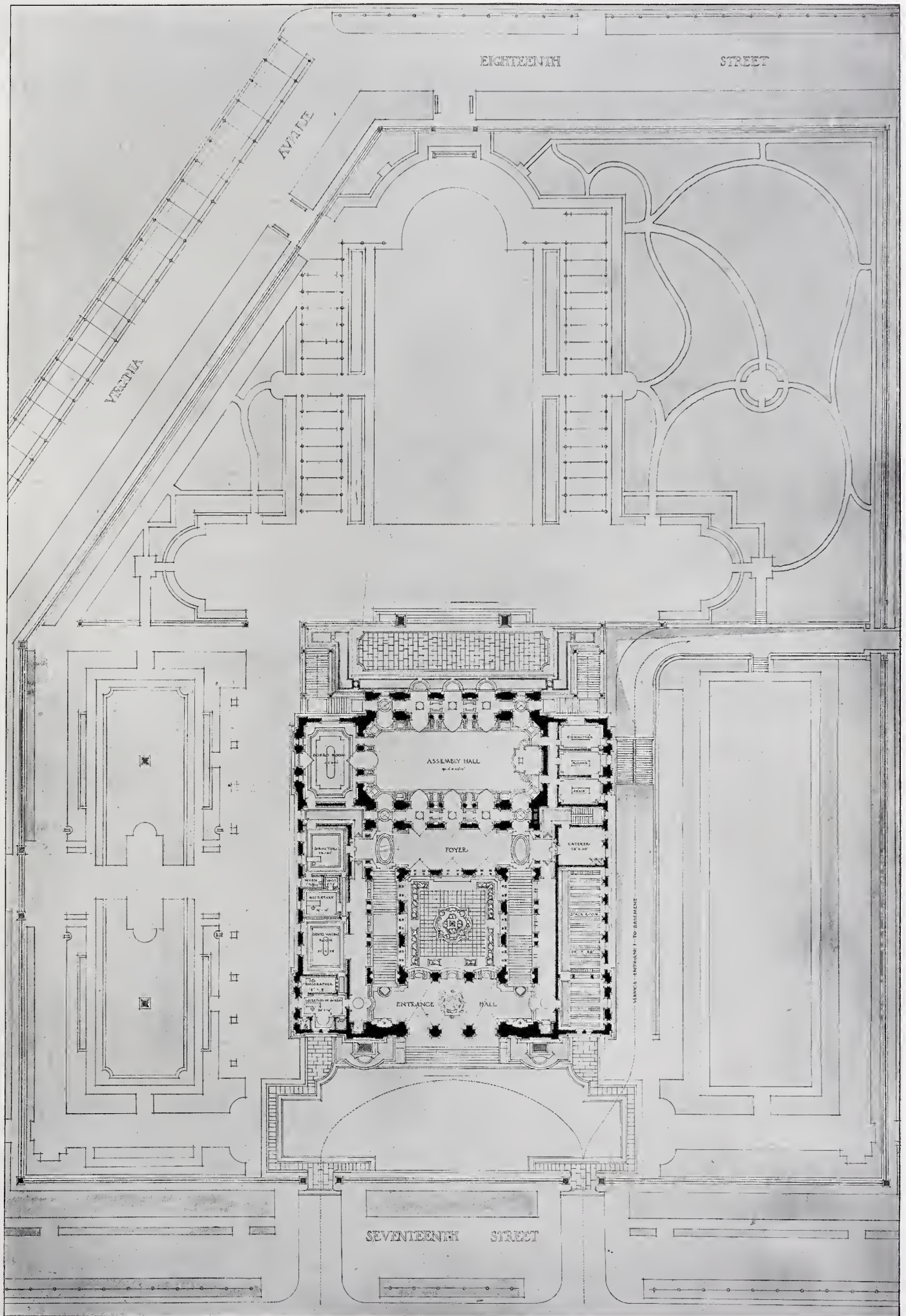
WASHINGTON AVENUE ELEVATION



SECOND FLOOR PLAN



REAR ELEVATION

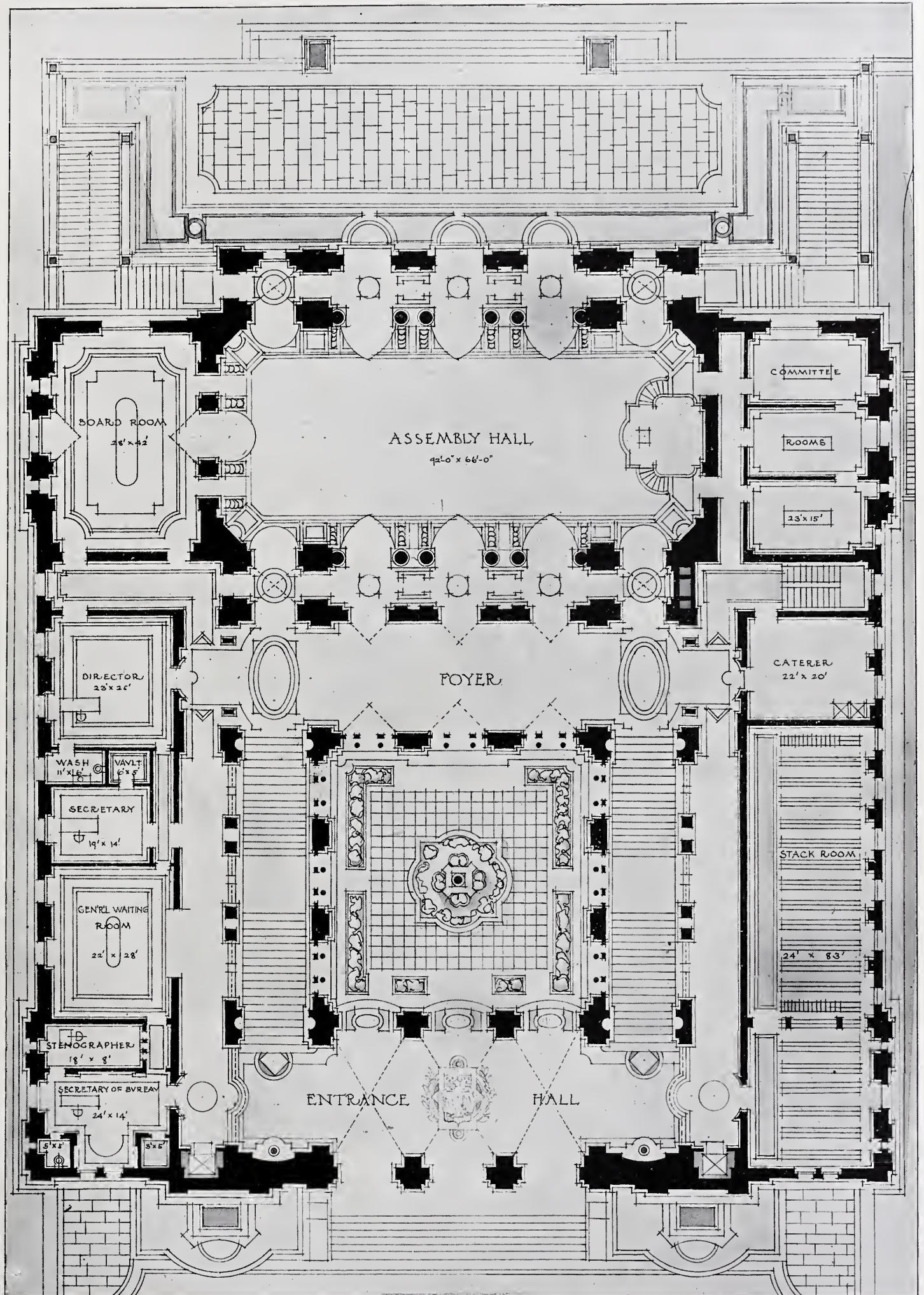


PLOT PLAN

INTERNATIONAL BUREAU OF THE AMERICAN REPUBLICS

ALBERT KELSEY AND PAUL P. CRET, ASSOCIATED ARCHITECTS

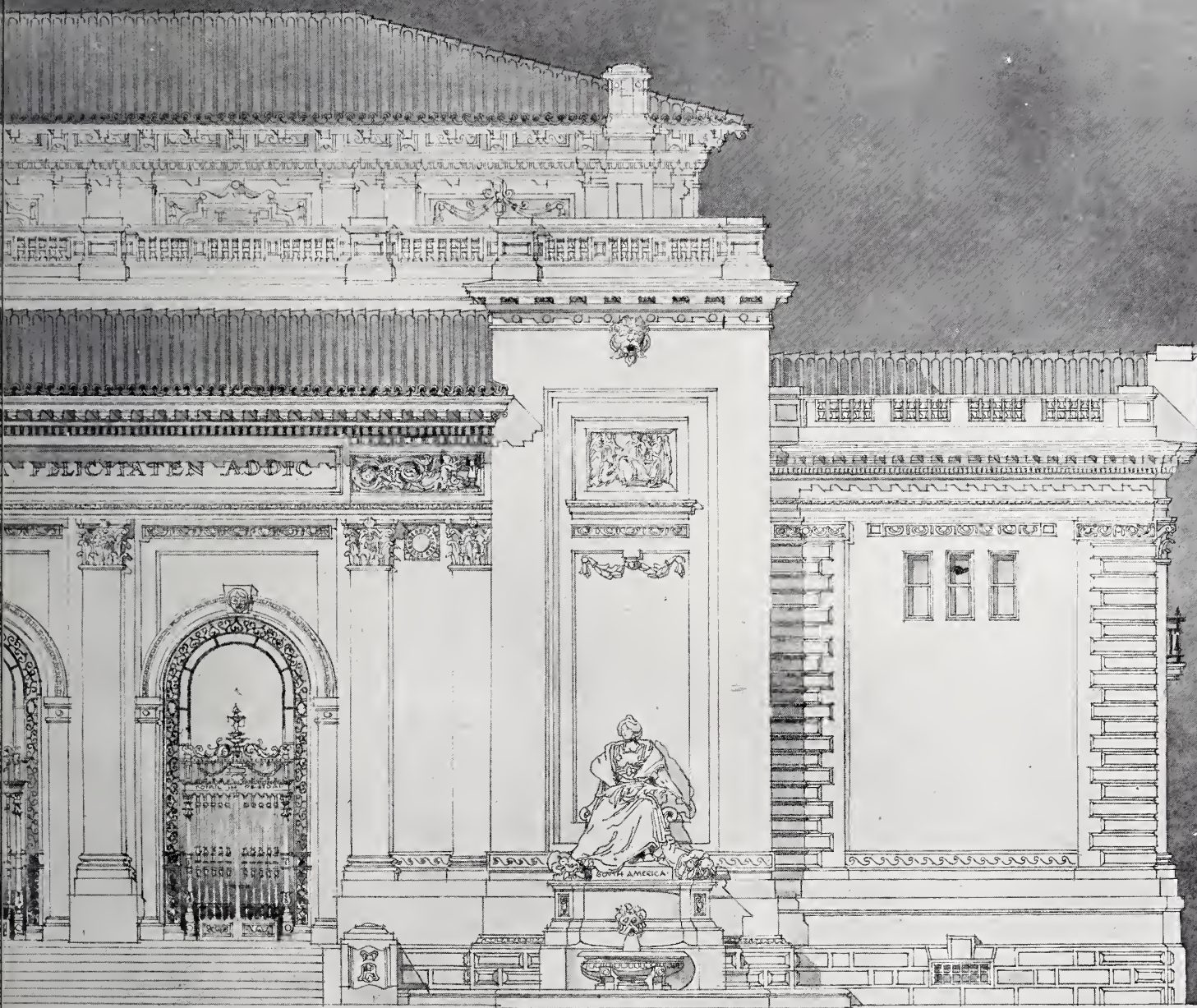
FIRST PRIZE



SECOND FLOOR PLAN

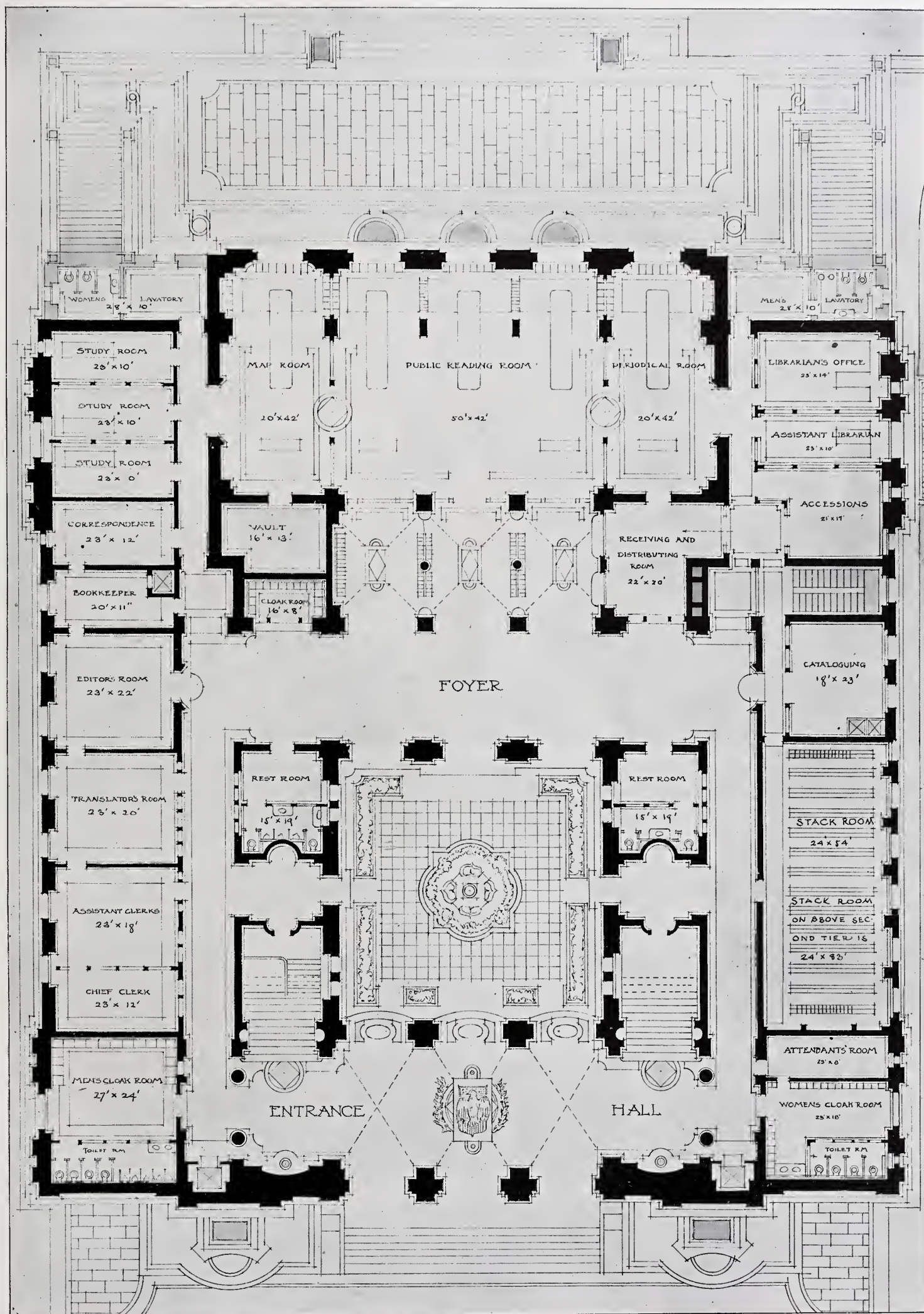


FRONT ELEVATION



(17TH STREET)



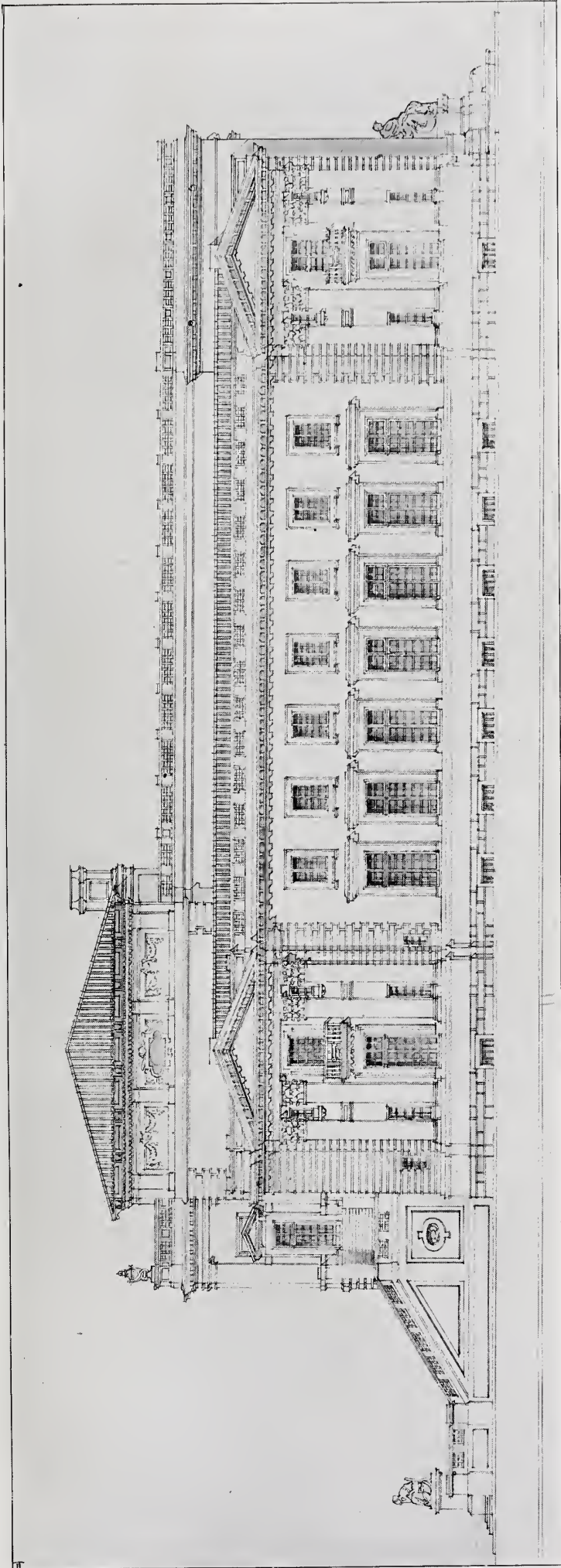


FIRST FLOOR PLAN

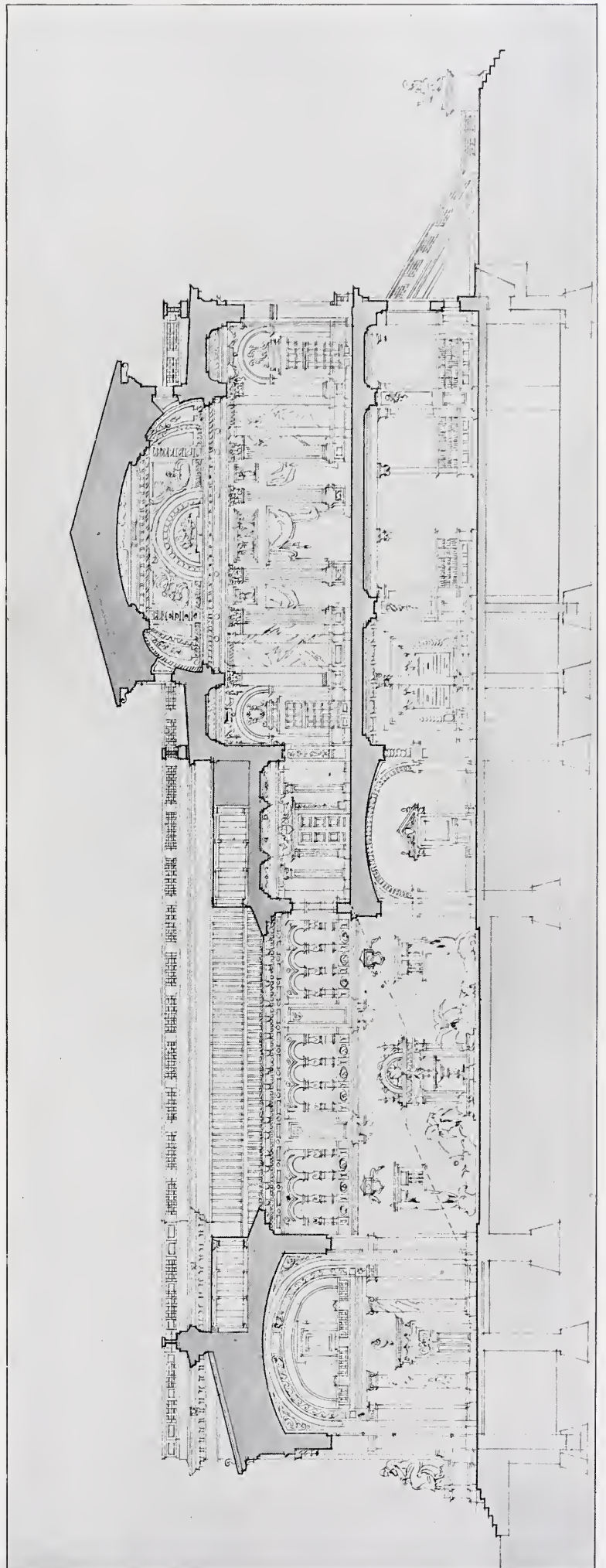
INTERNATIONAL BUREAU OF THE AMERICAN REPUBLICS

ALBERT KELSEY AND PAUL P. CRET, ASSOCIATED ARCHITECTS

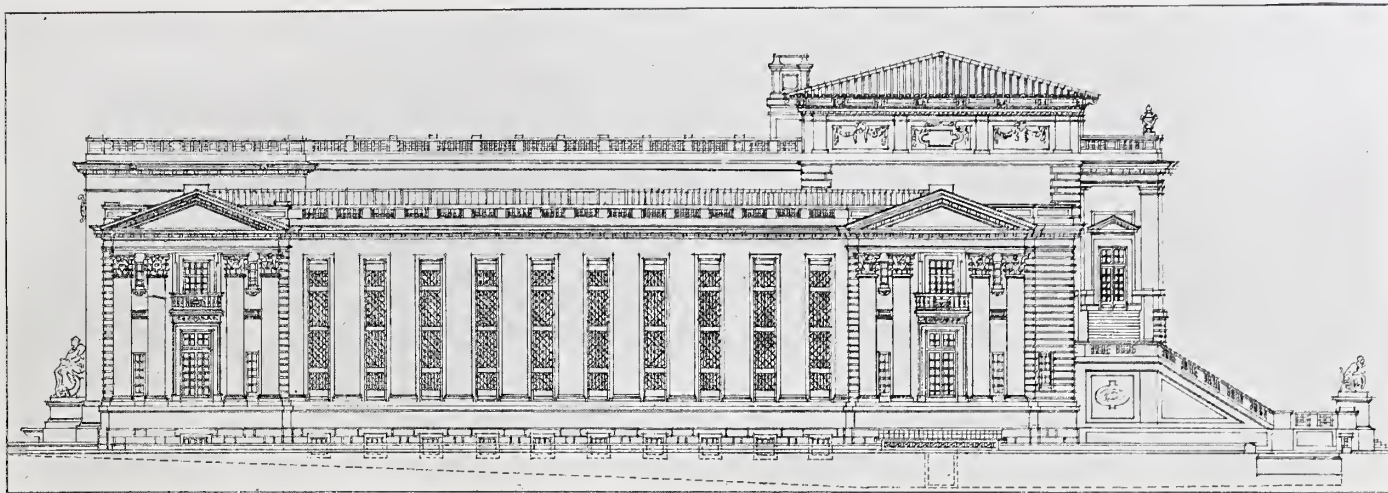




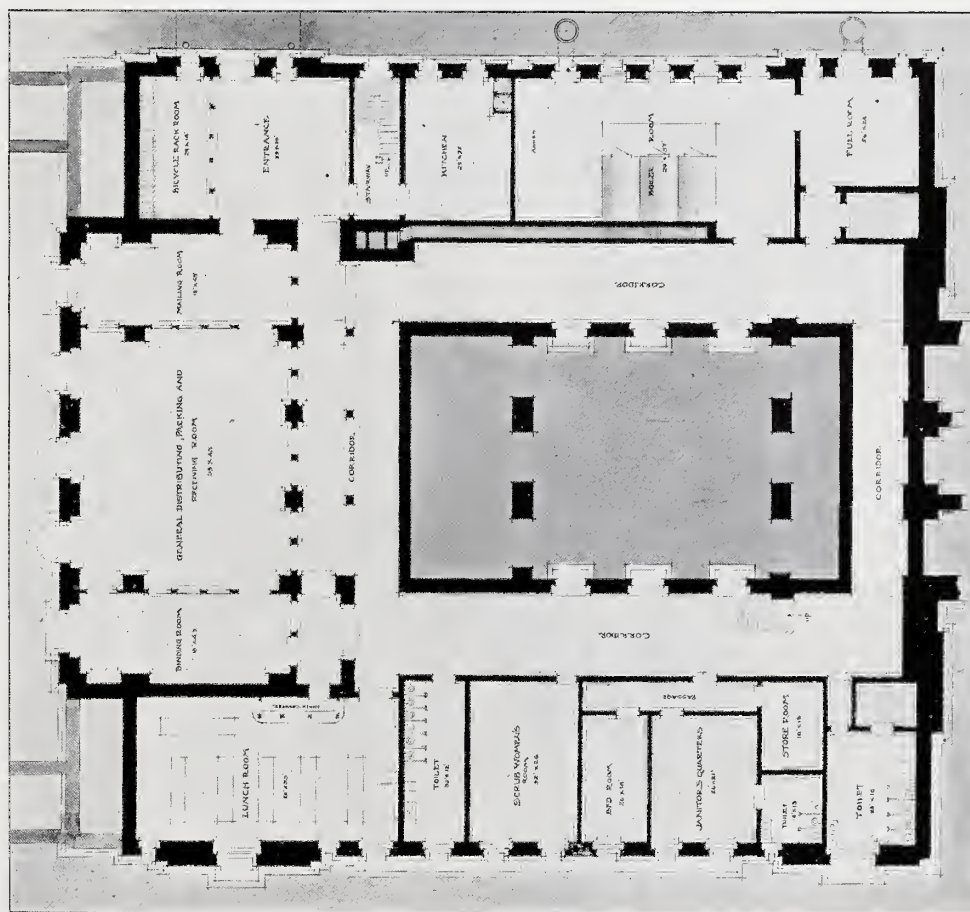
B. STREET ELEVATION



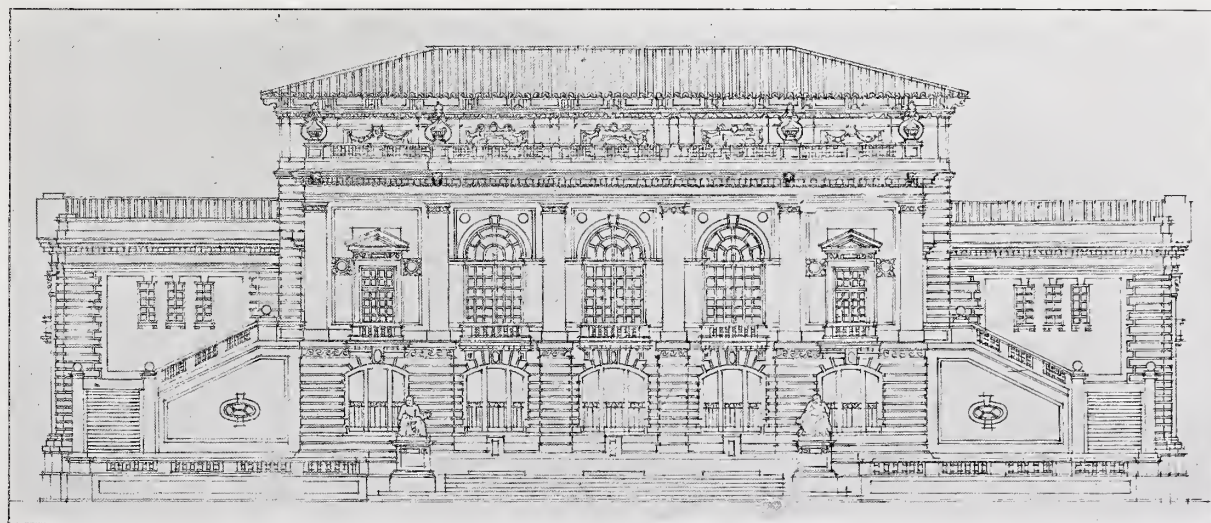
LONGITUDINAL SECTION



C. STREET ELEVATION



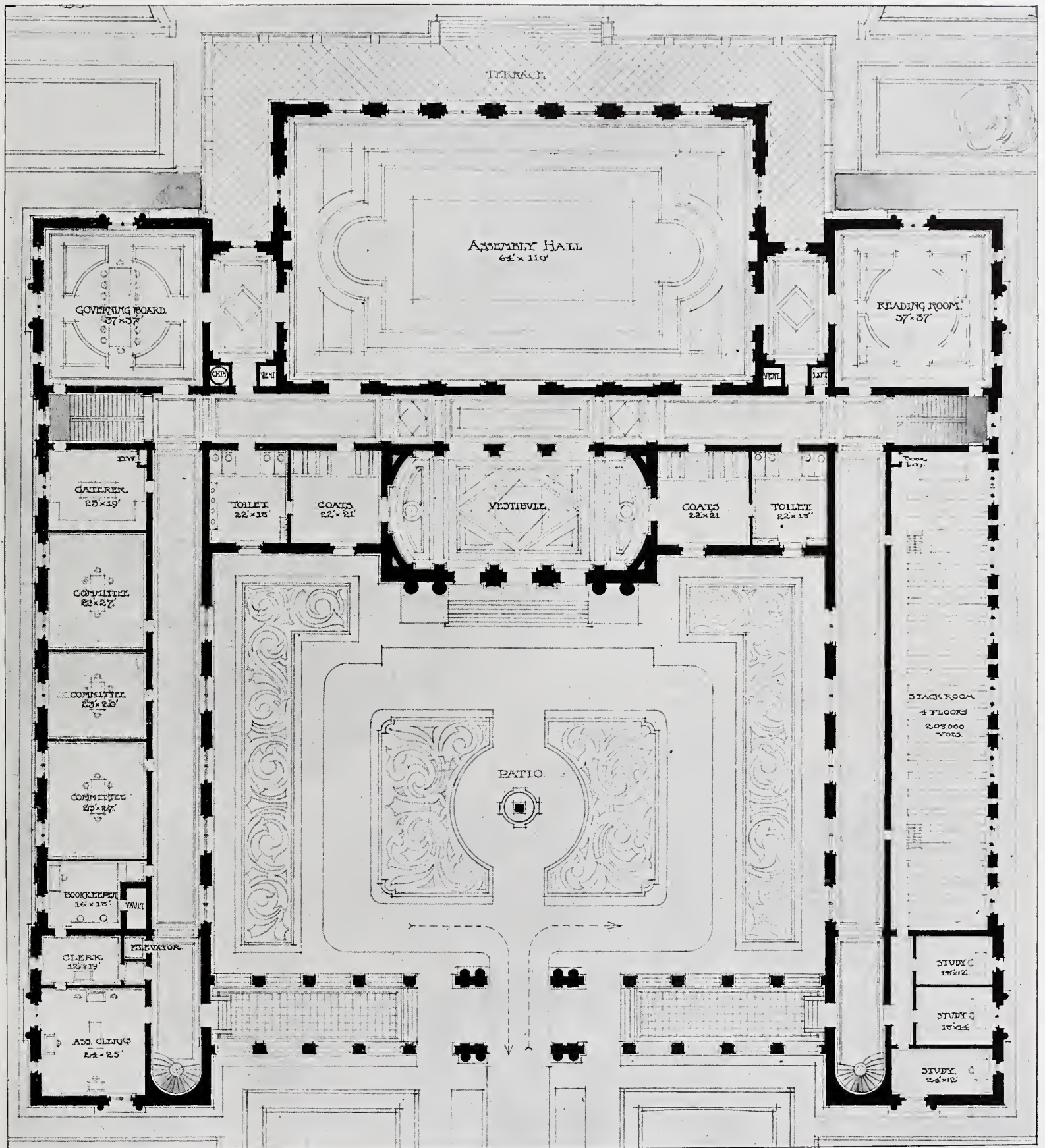
BASEMENT PLAN



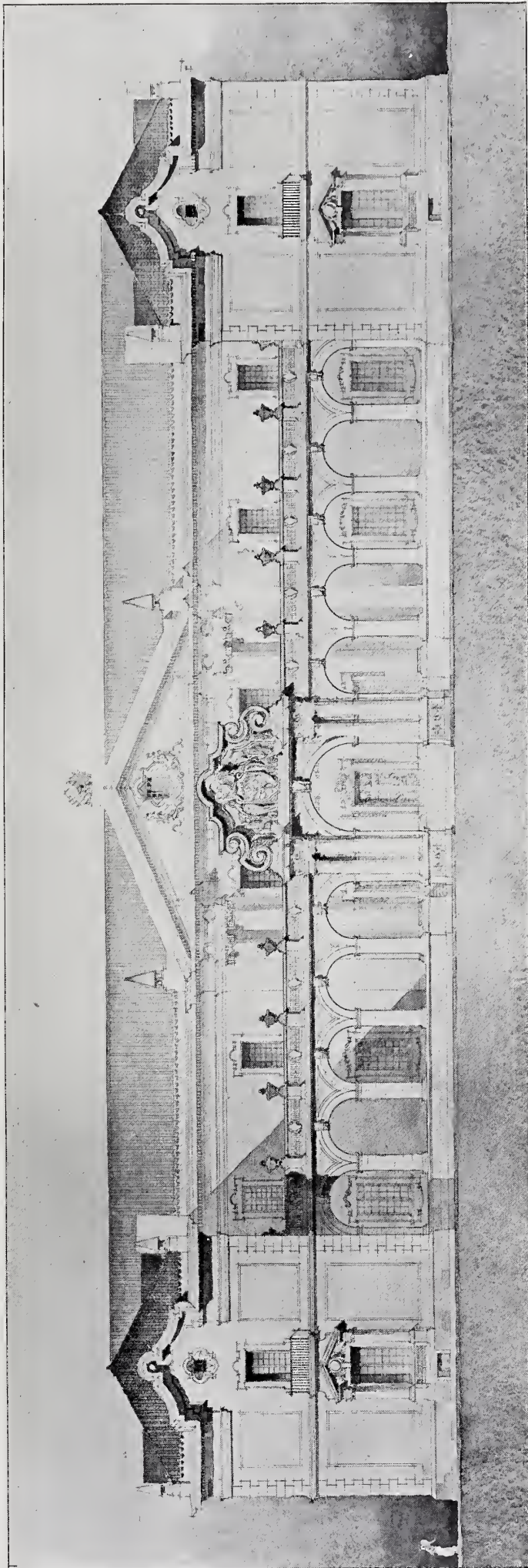
WEST ELEVATION (18TH STREET)



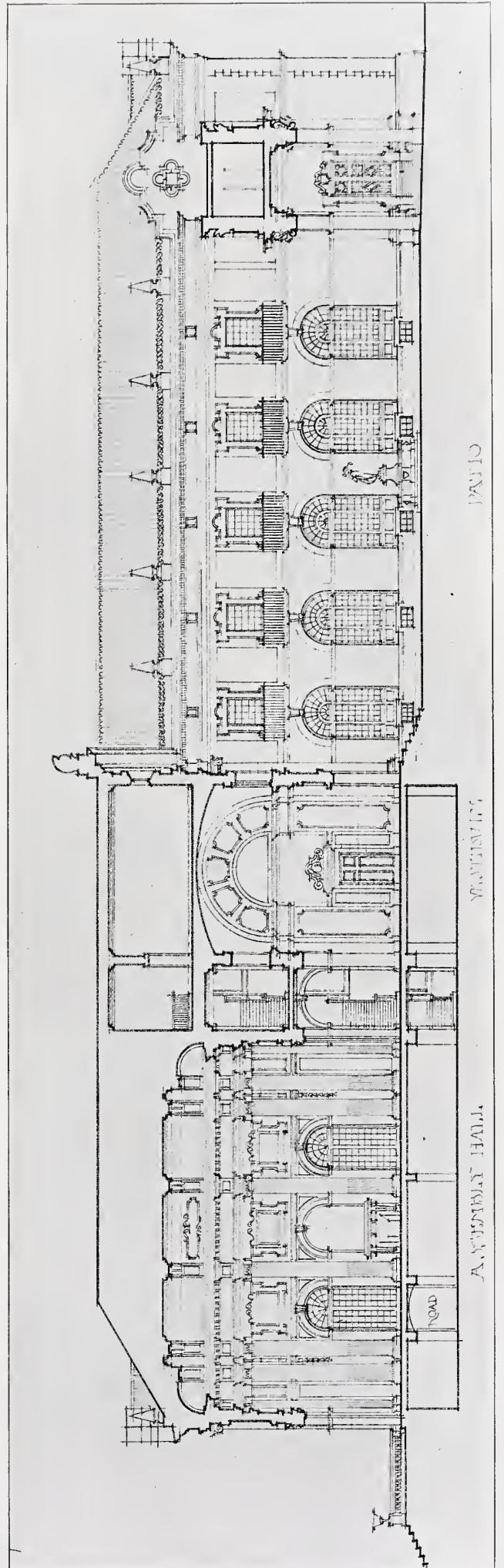
INTERNATIONAL BUREAU OF THE AMERICAN REPUBLICS
FIRST MENTION—EDWARD P. CASEY AND ARTHUR DILLON, ARCHITECTS



FIRST FLOOR PLAN

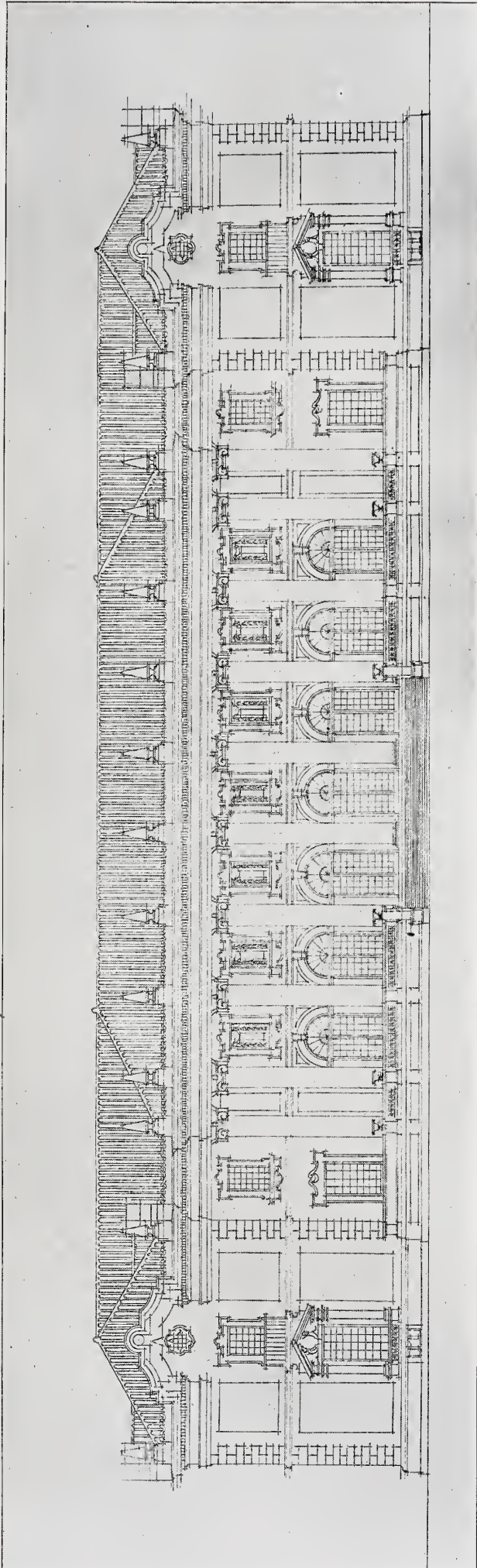


FRONT ELEVATION (17TH STREET)

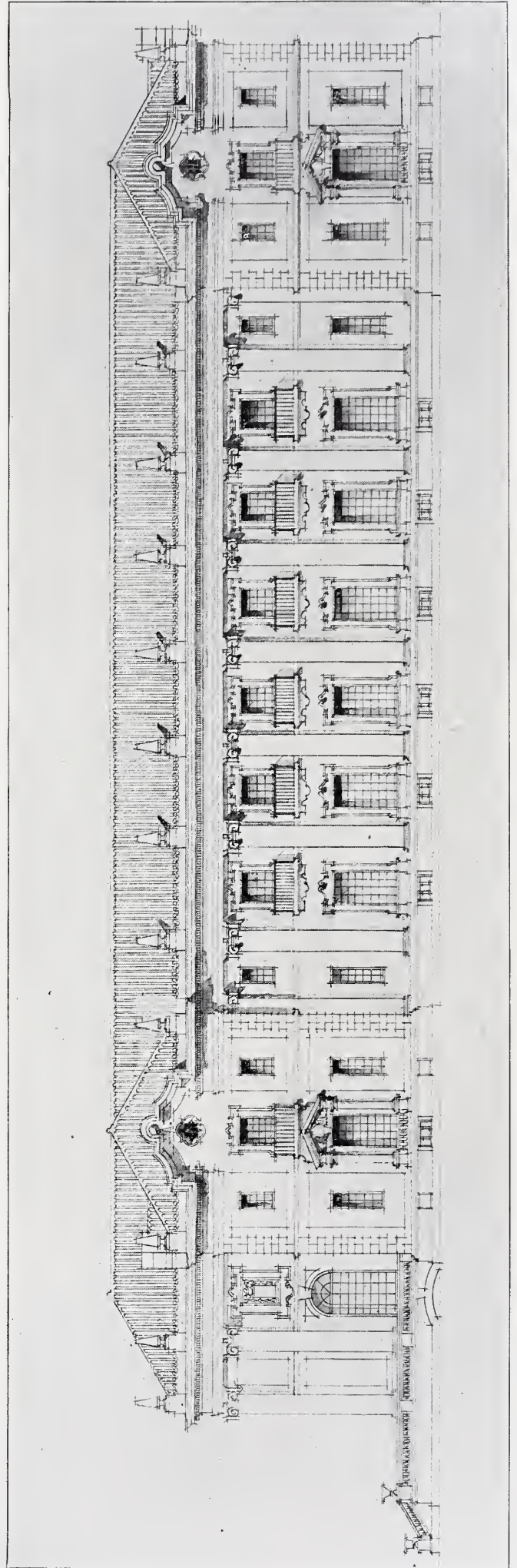


LONGITUDINAL SECTION





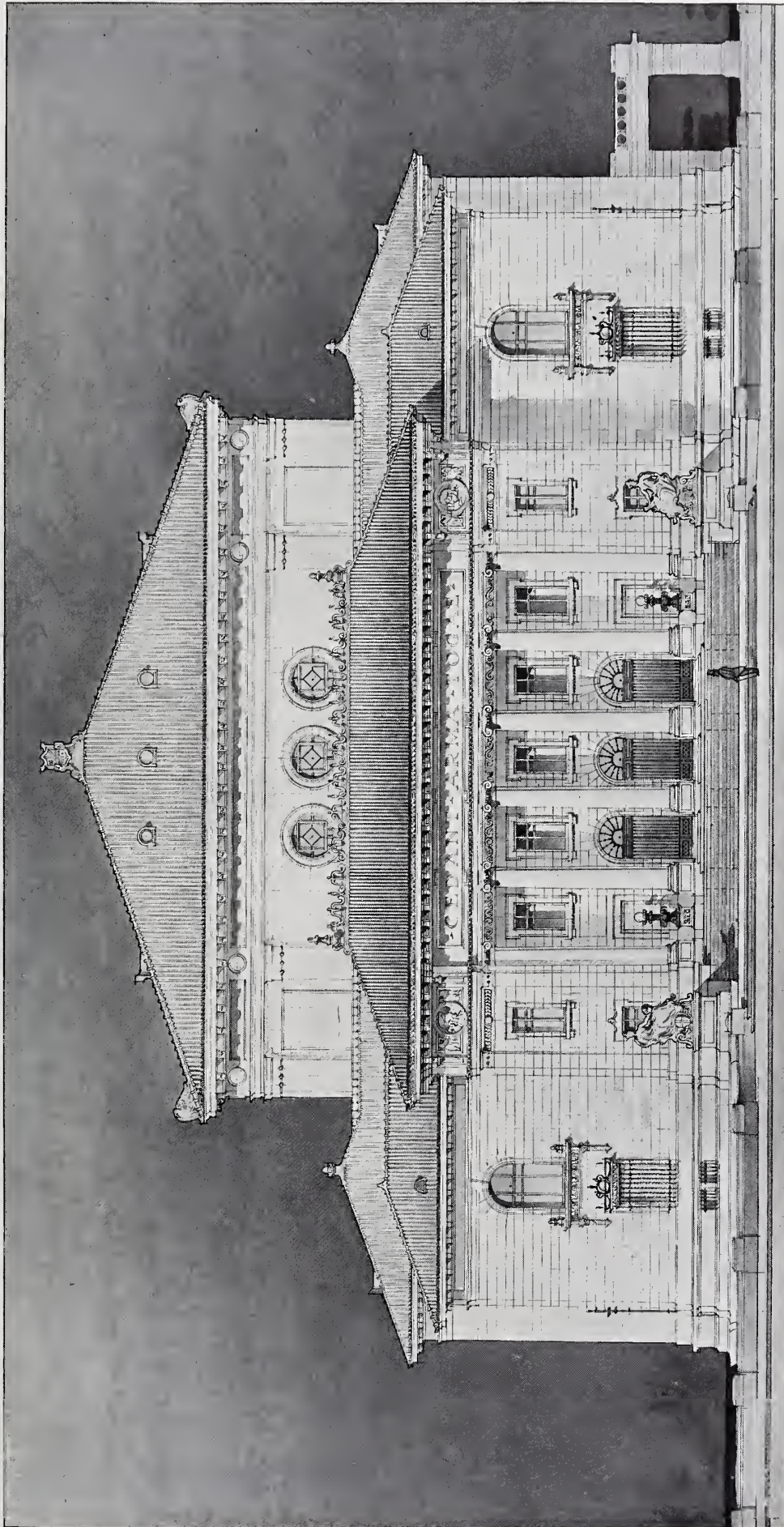
WEST ELEVATION (18TH STREET)



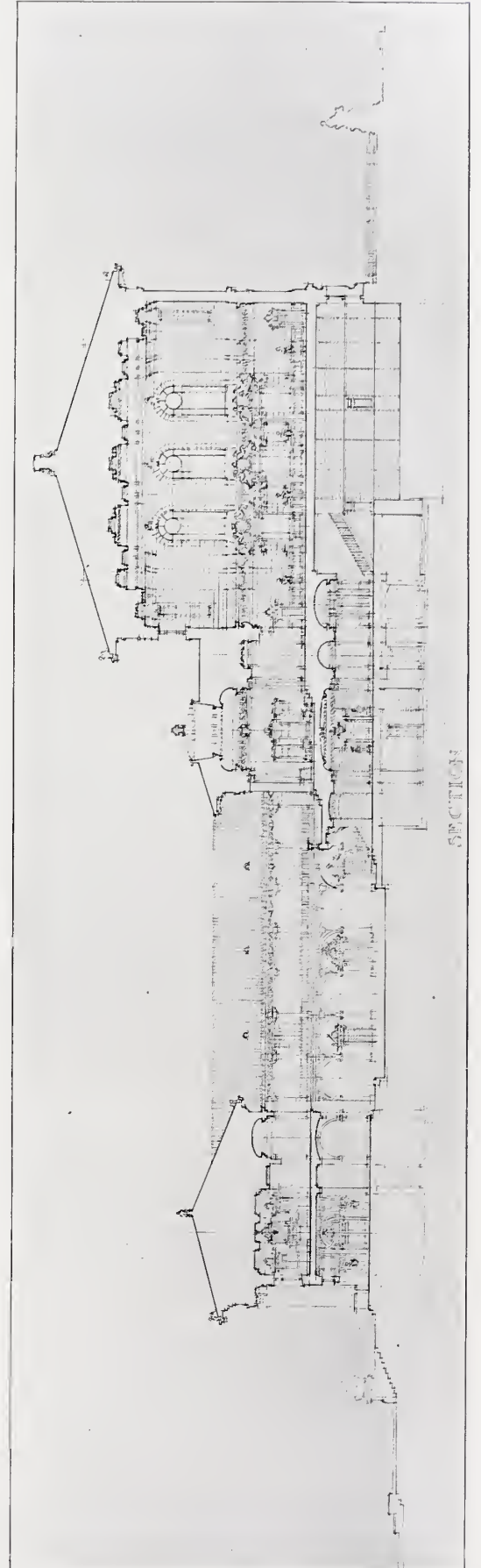
B. STREET ELEVATION



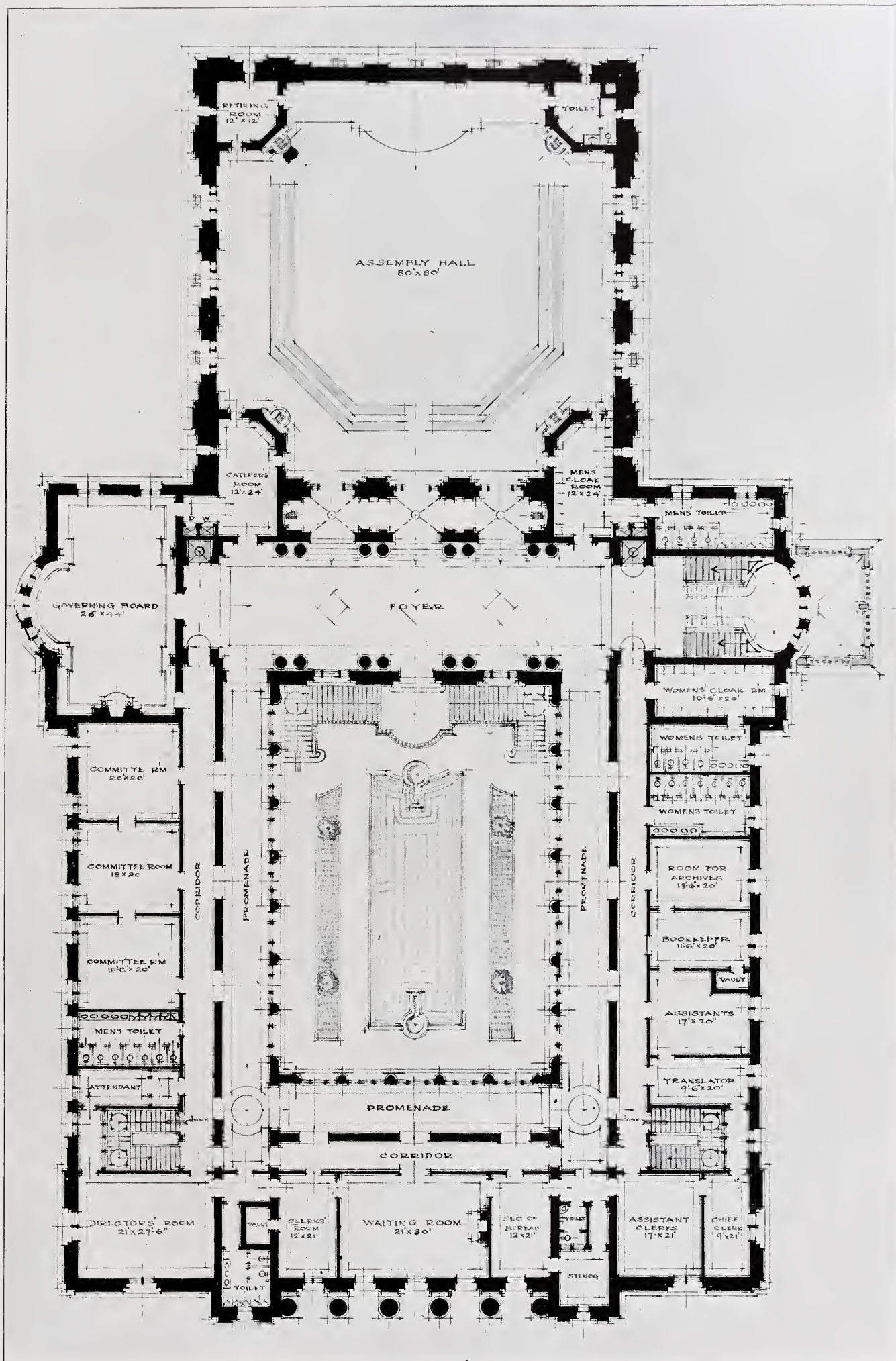
THIRD MENTION—PETER DE GELLEKE AND WM. T. L. ARMSTRONG, ARCHITECTS



FRONT ELEVATION (17TH STREET)



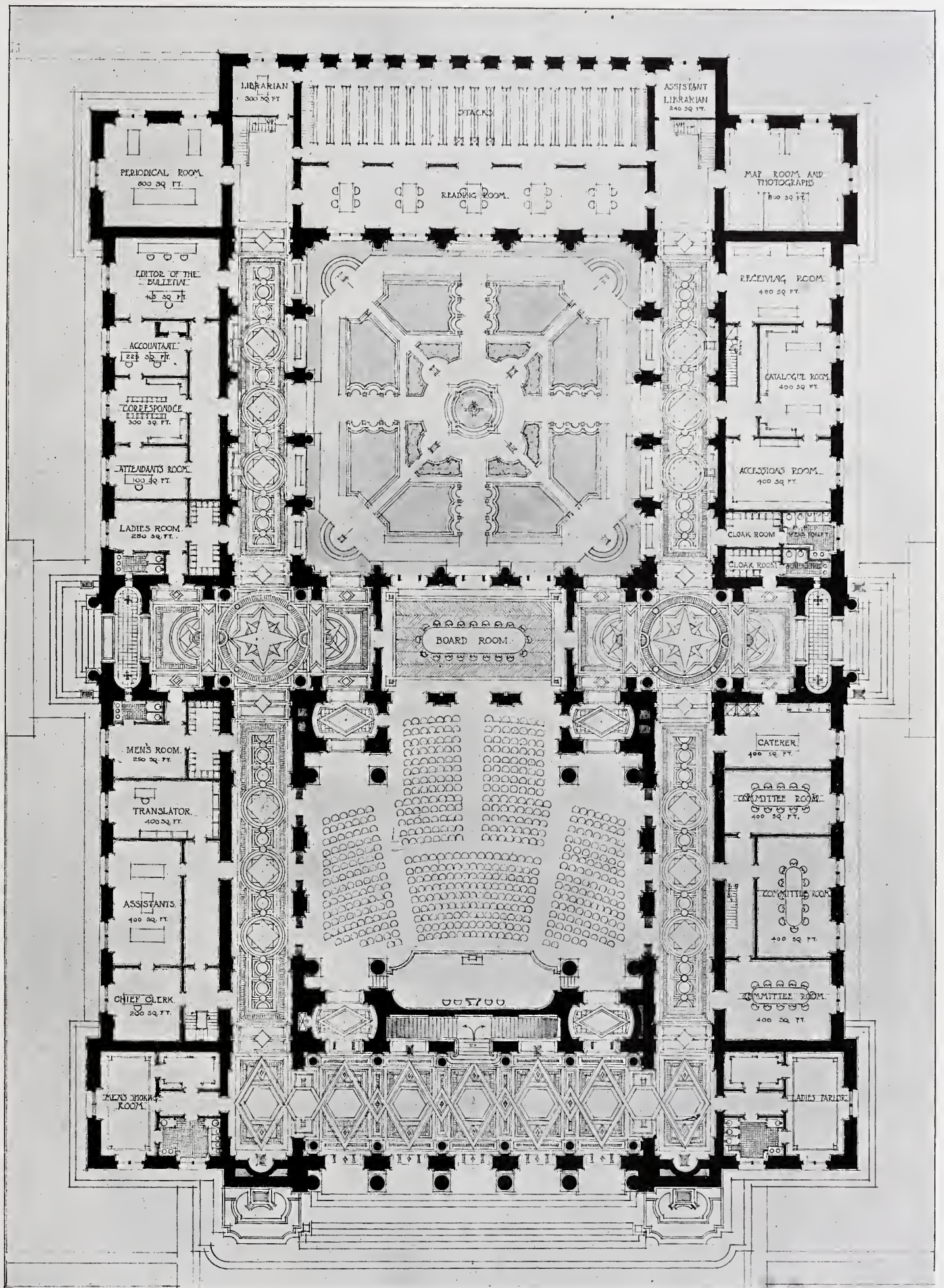
LONGITUDINAL SECTION



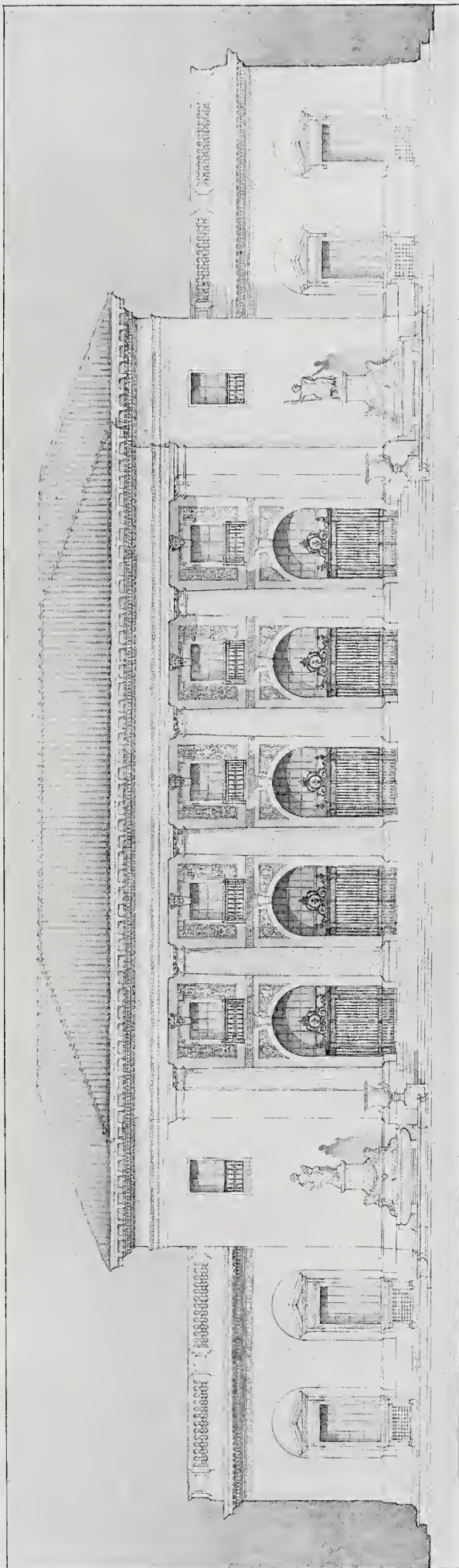
SECOND FLOOR PLAN

INTERNATIONAL BUREAU OF THE AMERICAN REPUBLICS

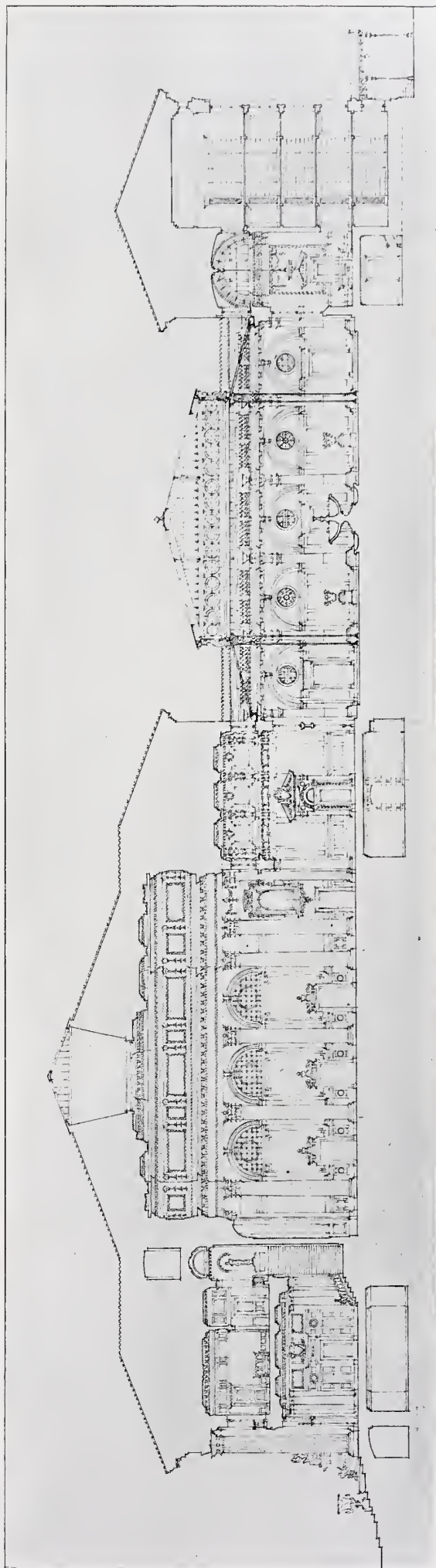
THIRD MENTION—PETER DE GELLEKE AND WM. T. L. ARMSTRONG, ARCHITECTS



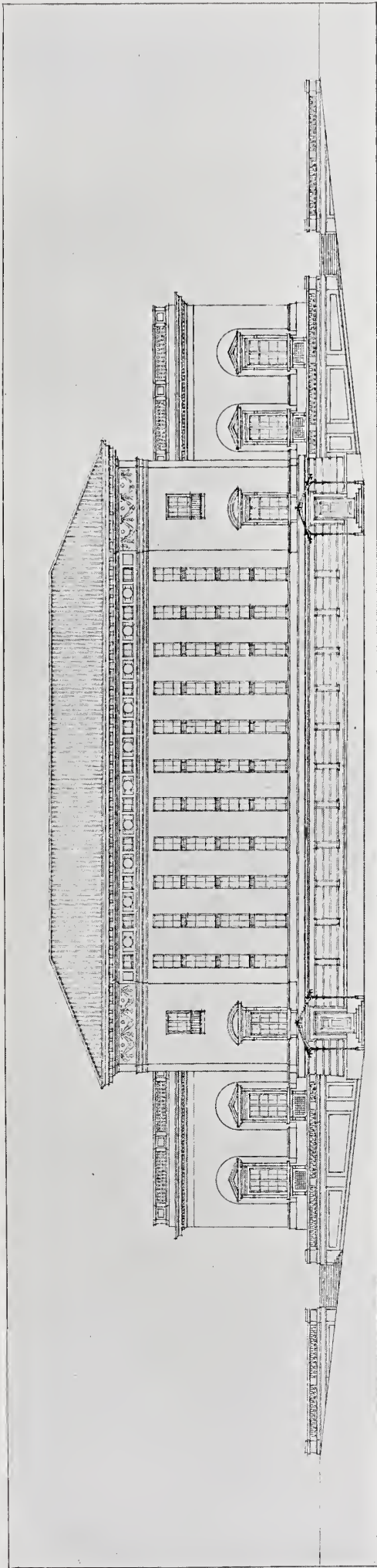
FIRST FLOOR PLAN



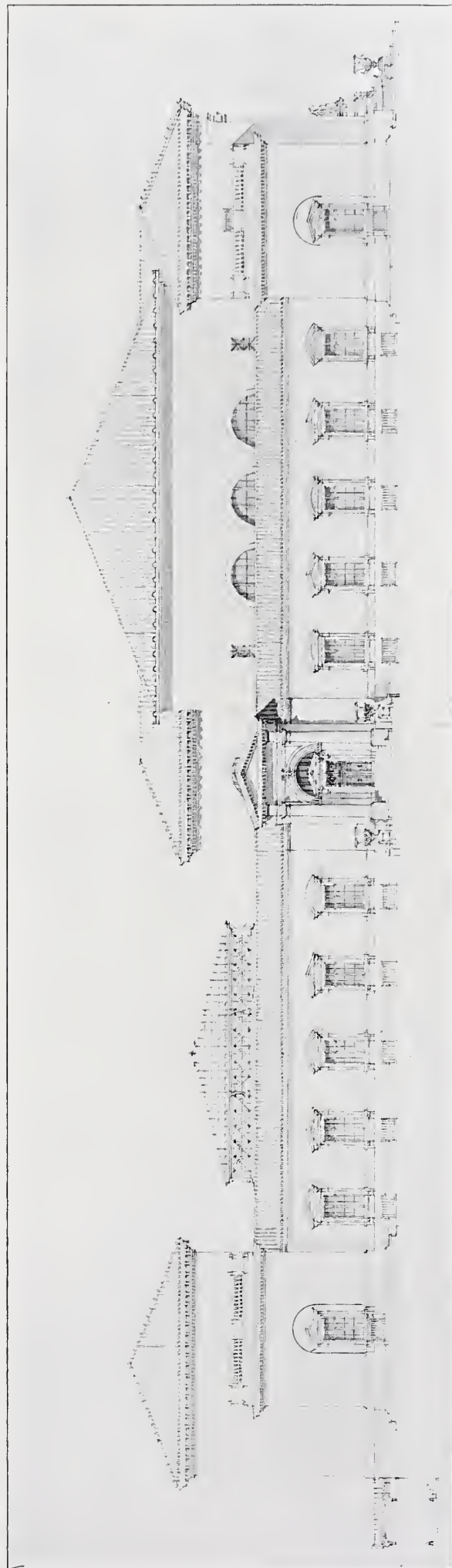
FRONT ELEVATION (17TH STREET)



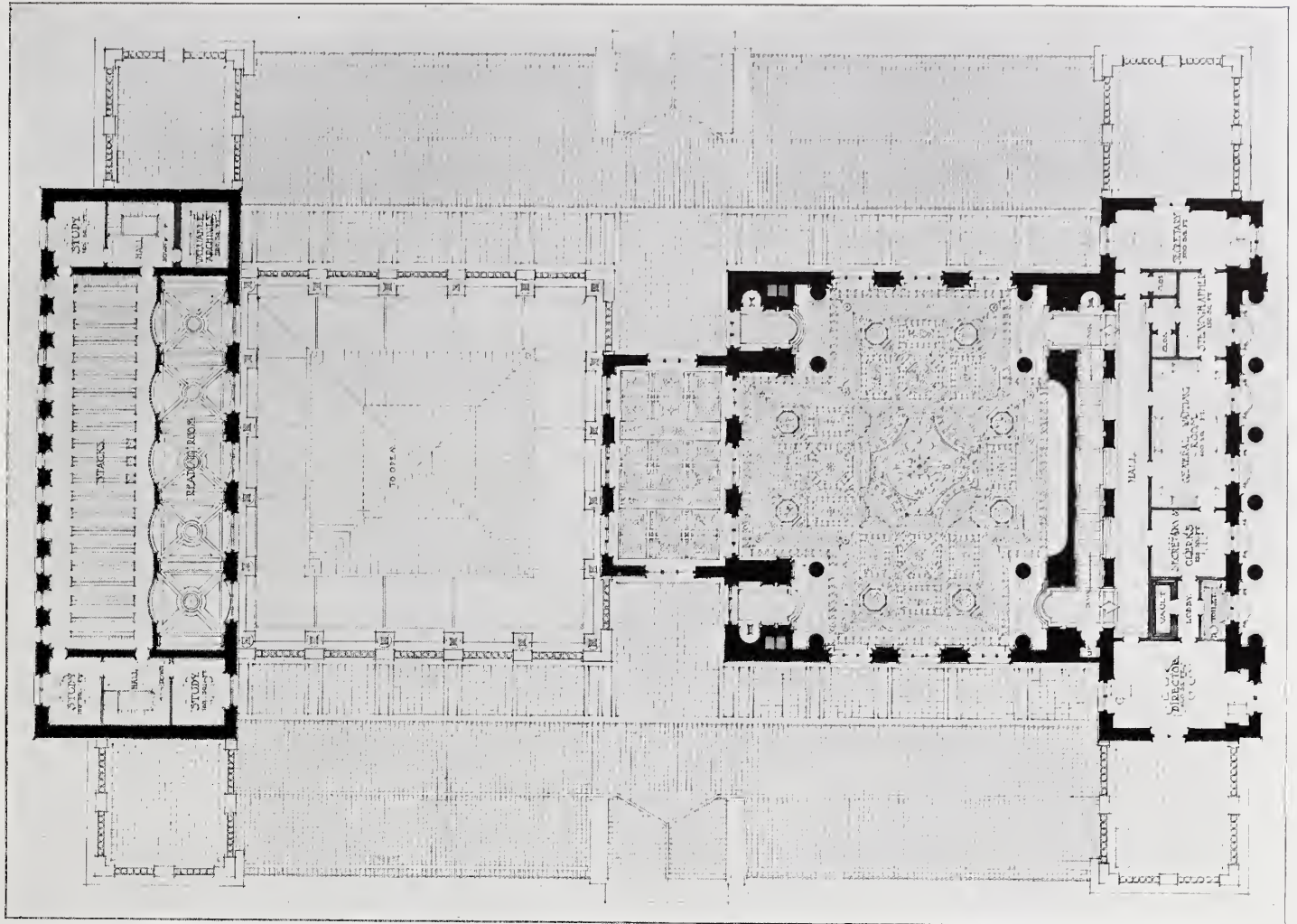
LONGITUDINAL SECTION



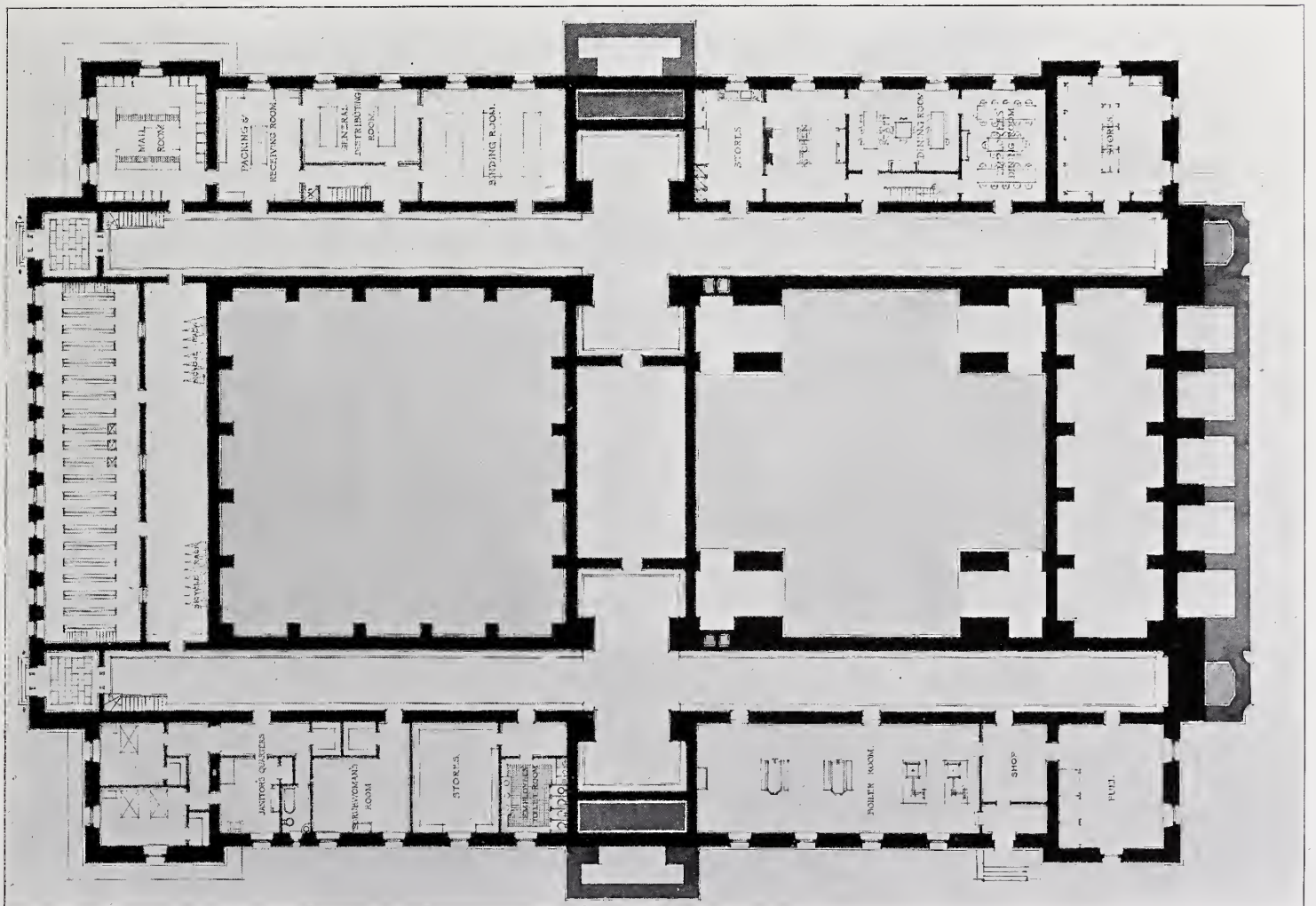
WEST ELEVATION (18TH STREET)



B. STREET ELEVATION

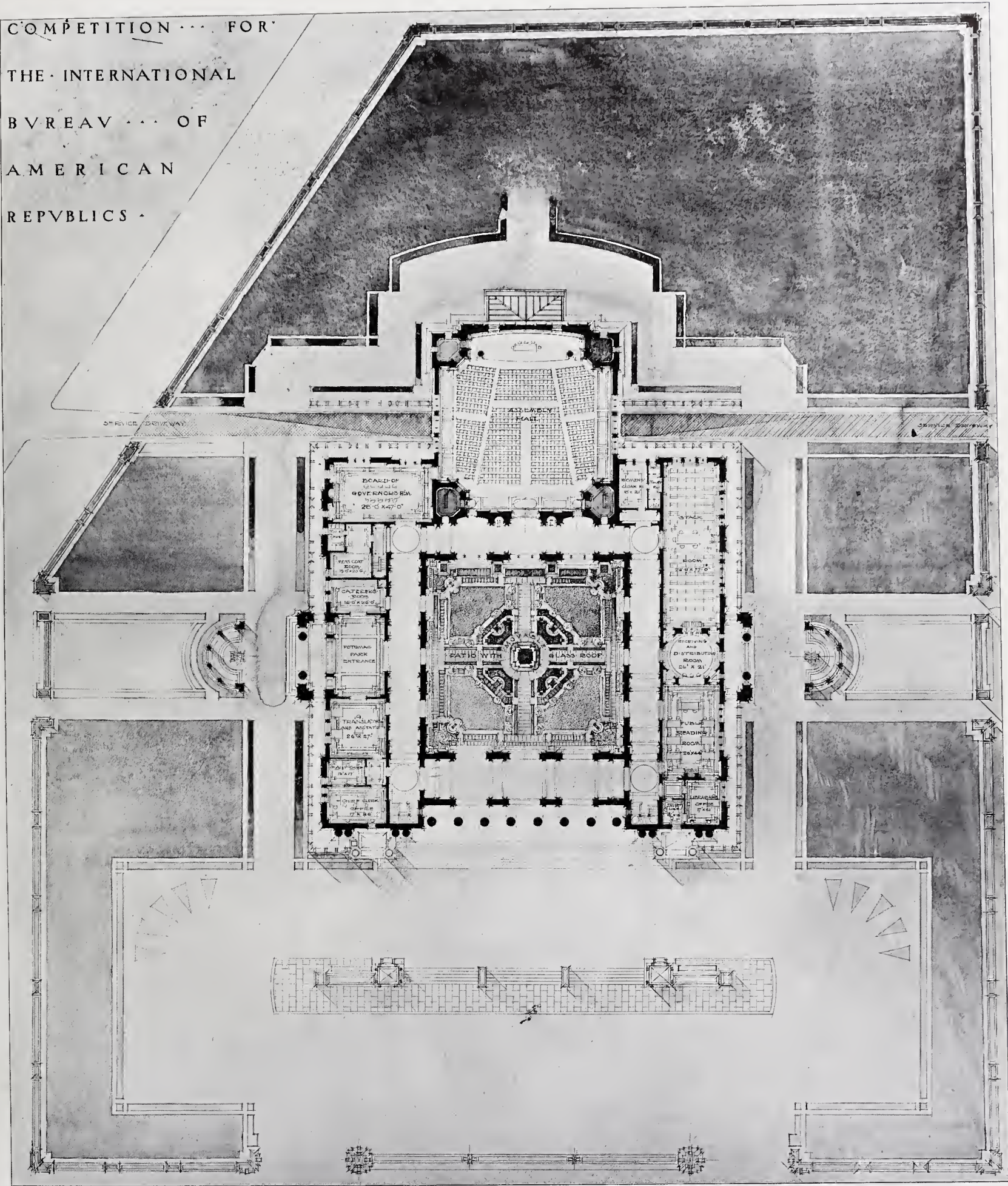


SECOND FLOOR PLAN

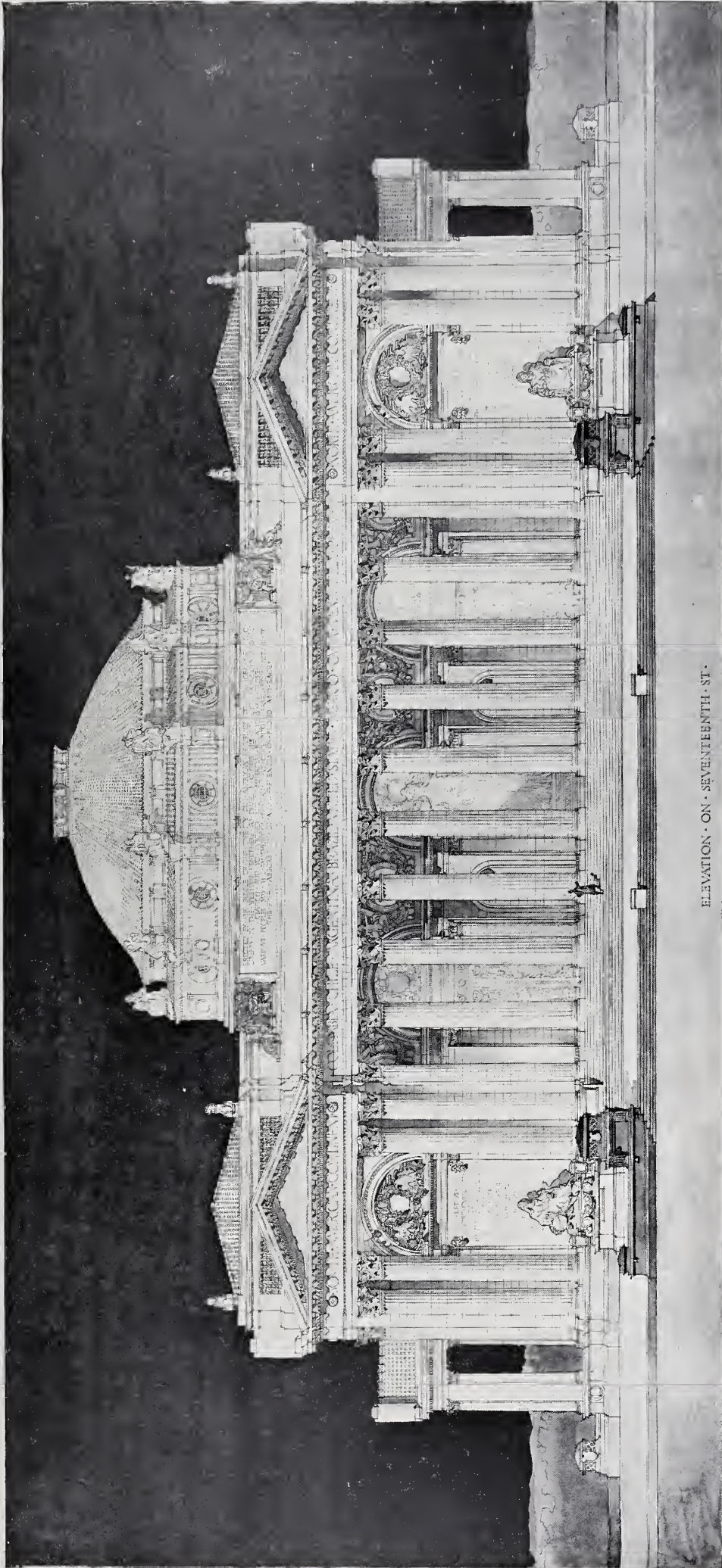


BASEMENT PLAN

COMPETITION ... FOR
THE INTERNATIONAL
BUREAU ... OF
AMERICAN
REPUBLICS

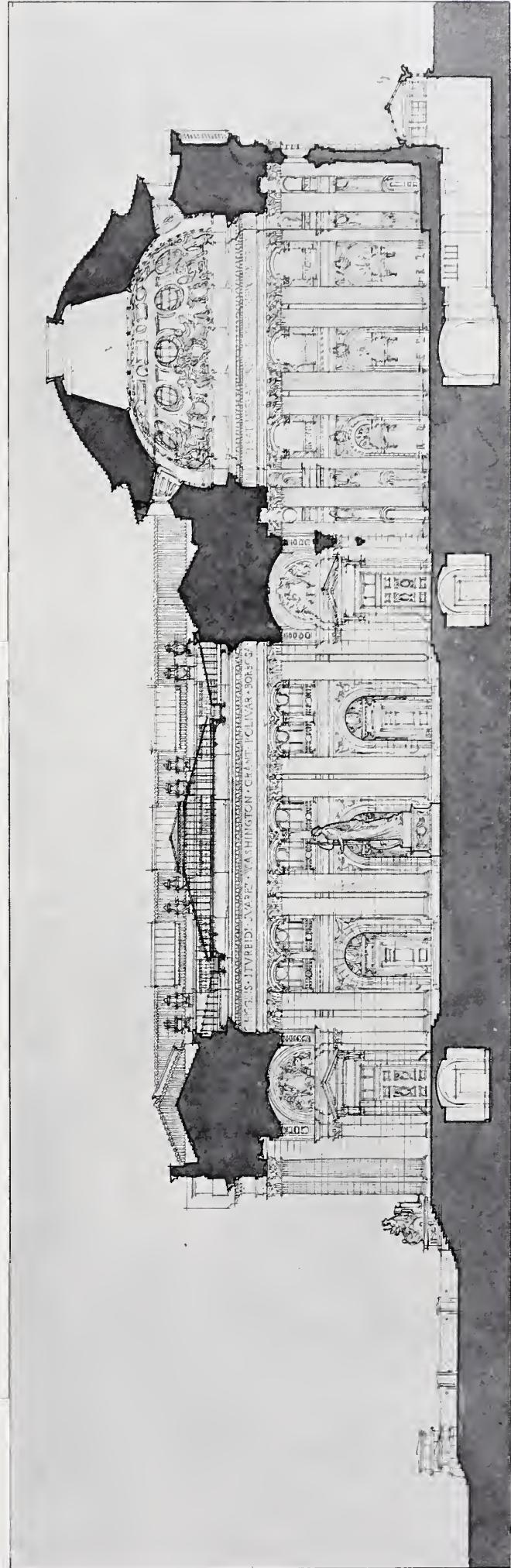


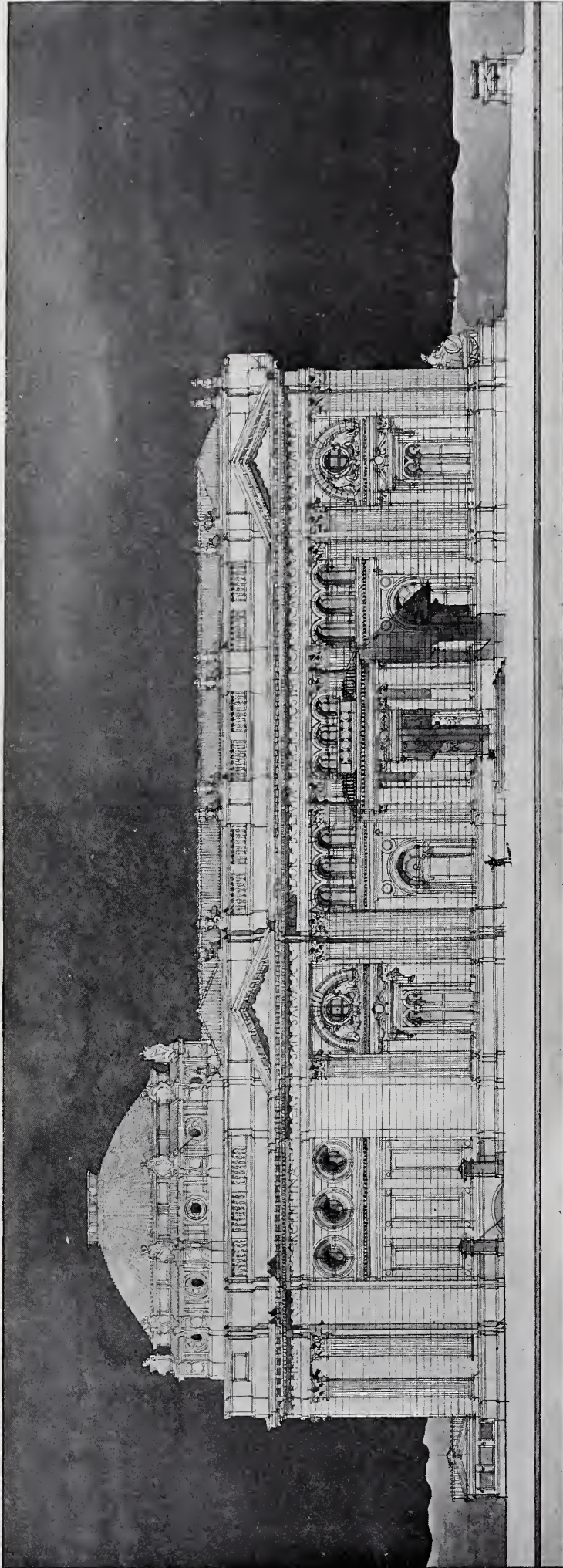
PLOT PLAN



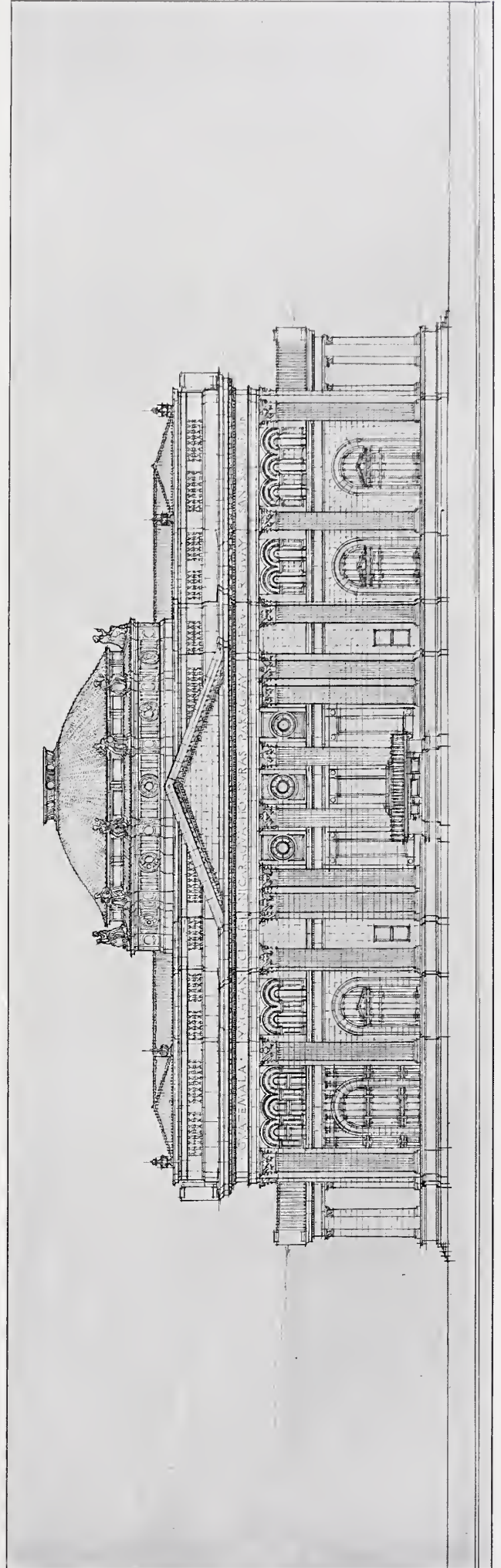
ELEVATION - ON - SEVENTEENTH - ST.

FRONT ELEVATION (17TH STREET)

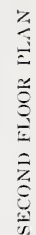


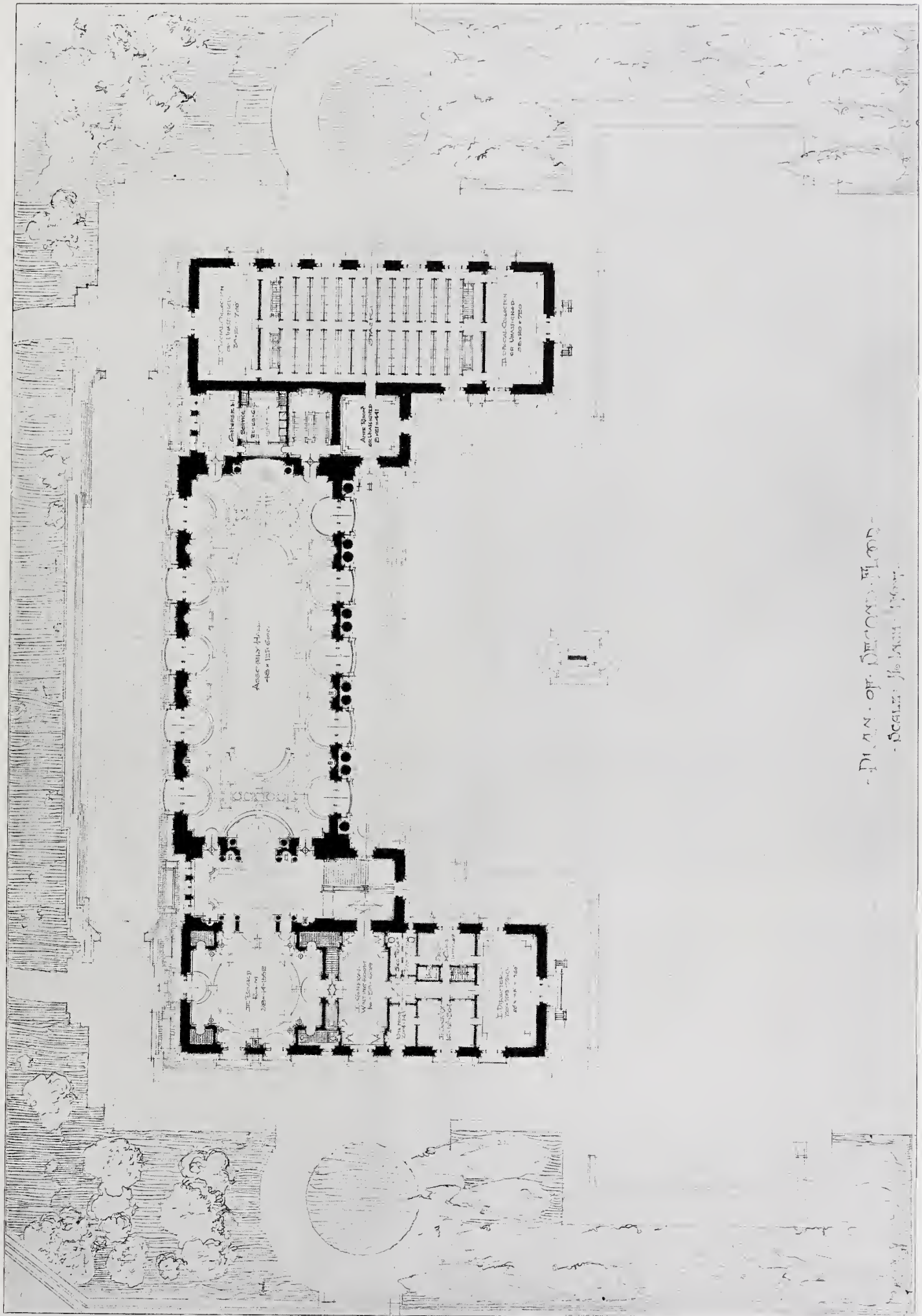


WEST ELEVATION (18TH STREET)



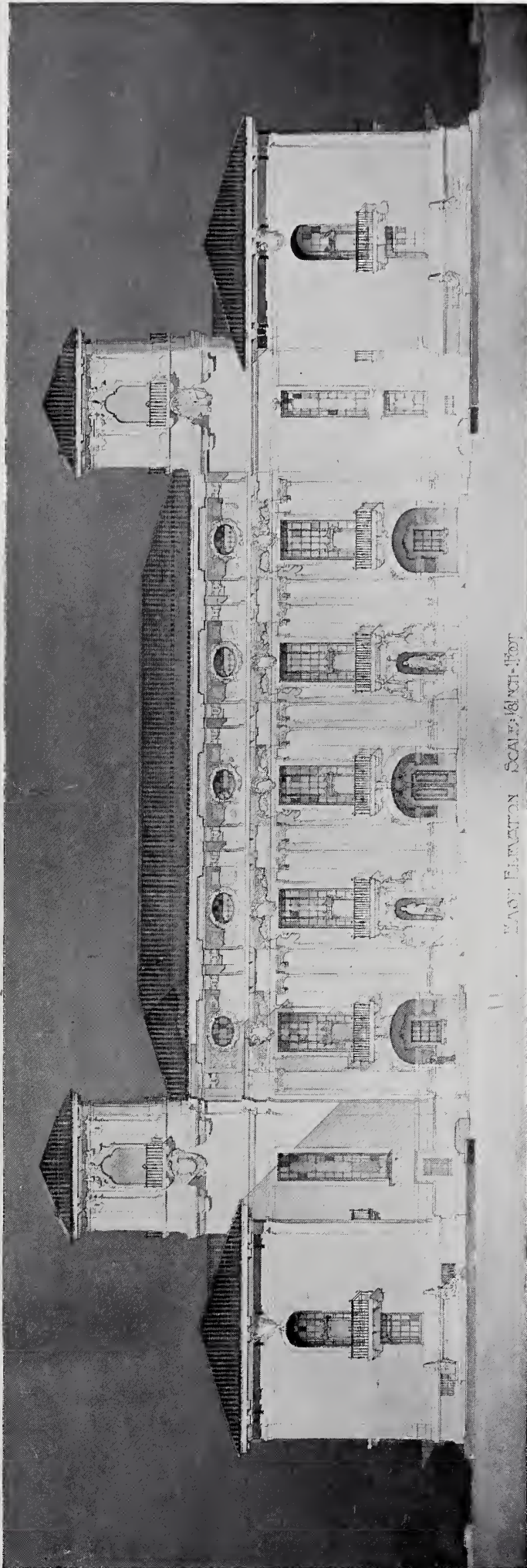
B. STREET ELEVATION



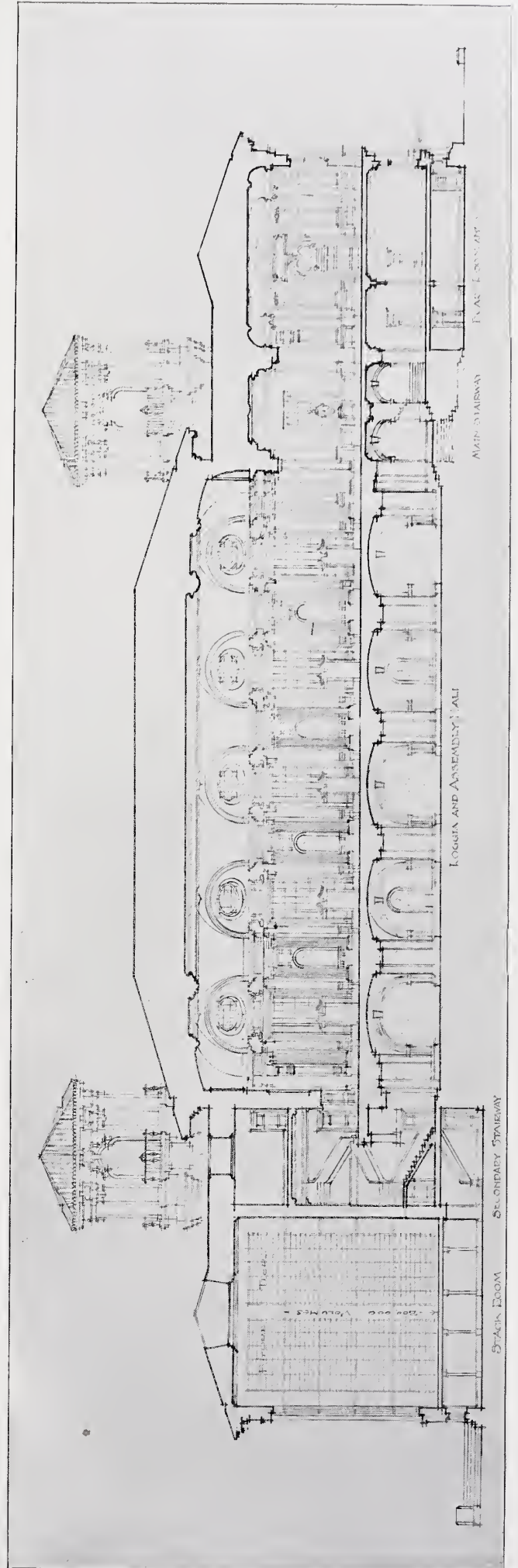


PLAN OF SECOND FLOOR
SCALE: 1/8" = 1'-0"

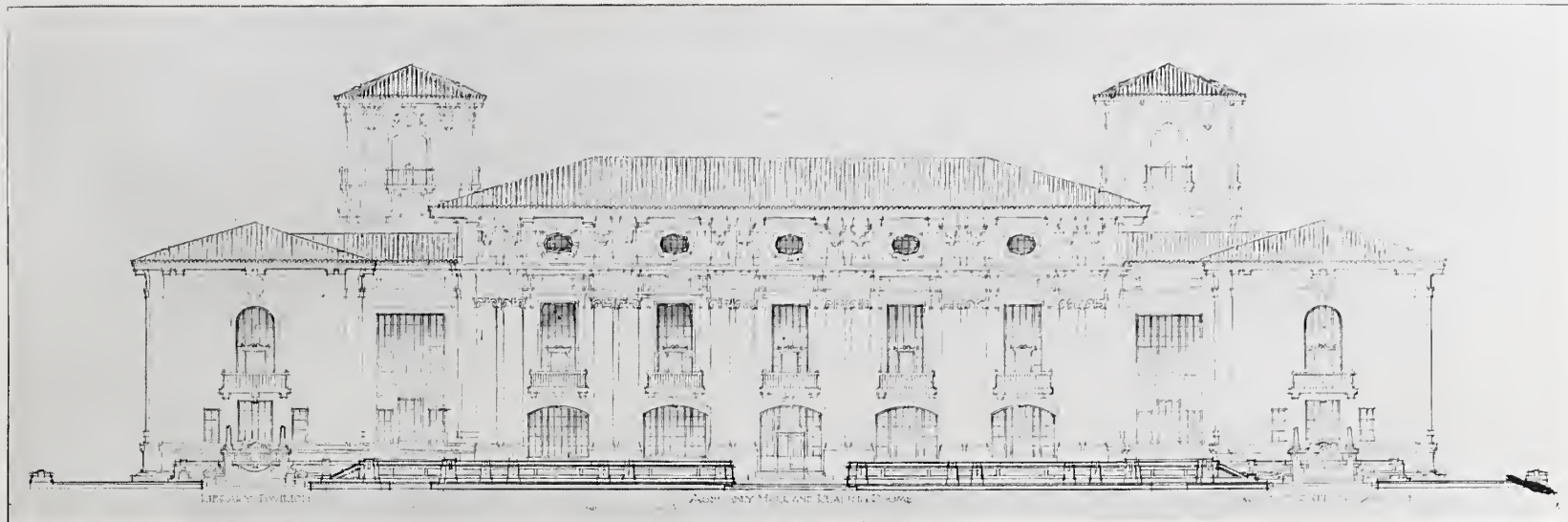
SECOND FLOOR PLAN



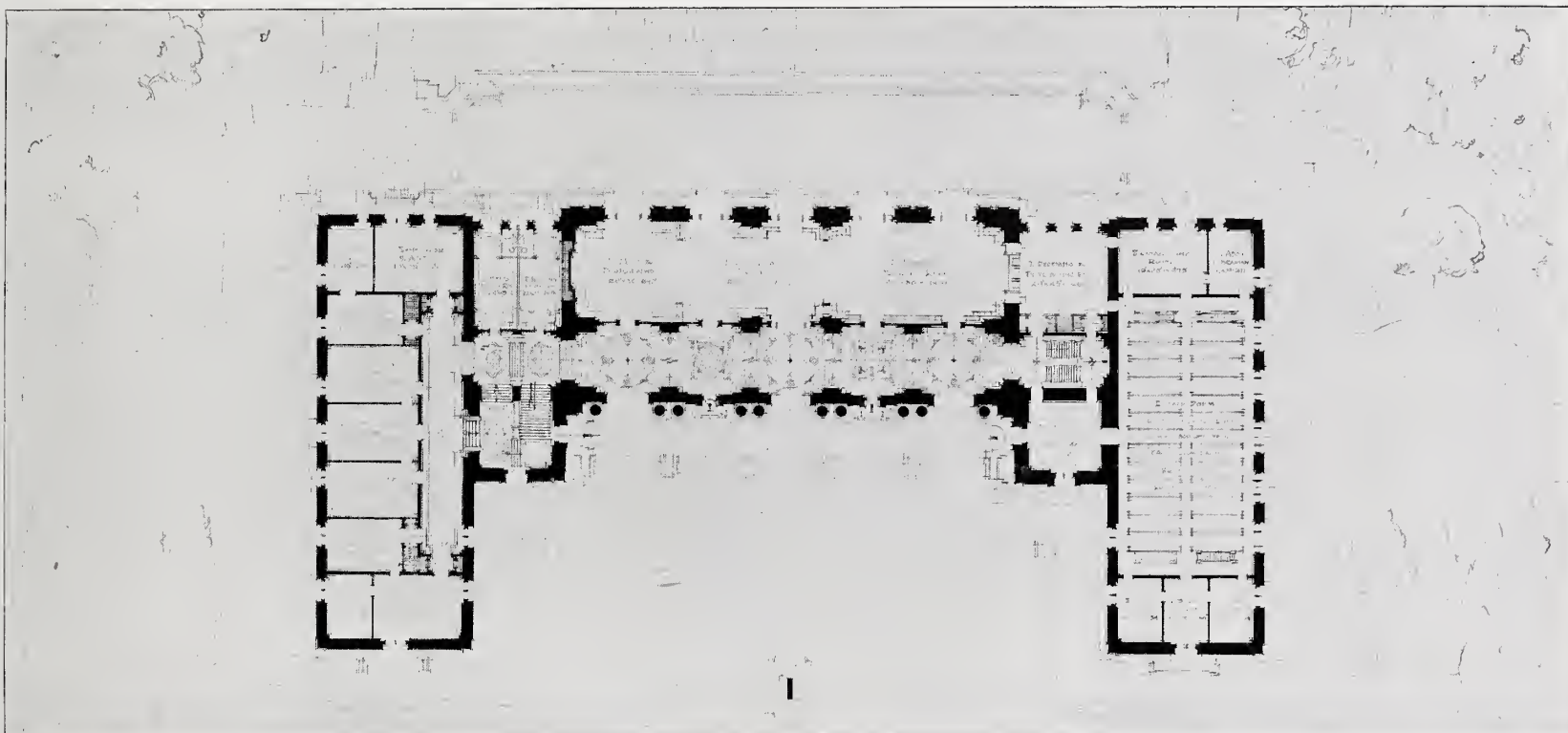
FRONT ELEVATION (17TH STREET)



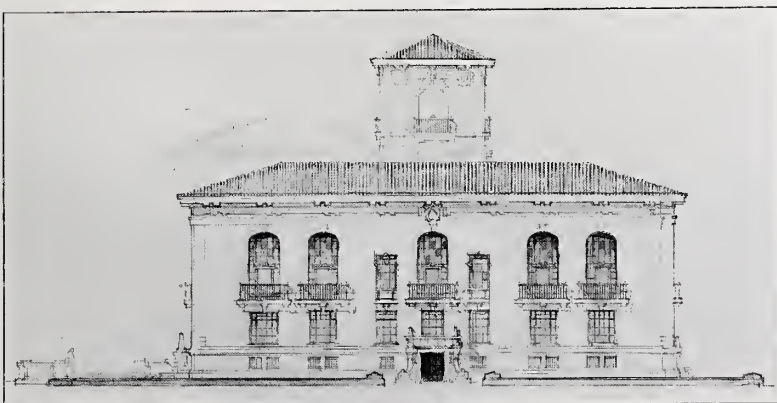
LONGITUDINAL SECTION



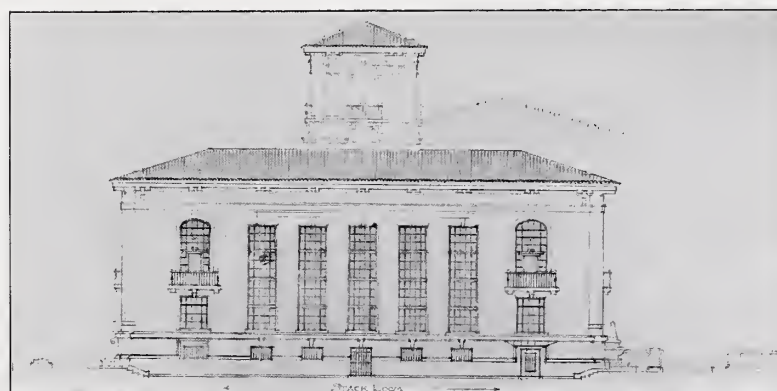
WEST ELEVATION (18TH STREET)



SECOND FLOOR PLAN



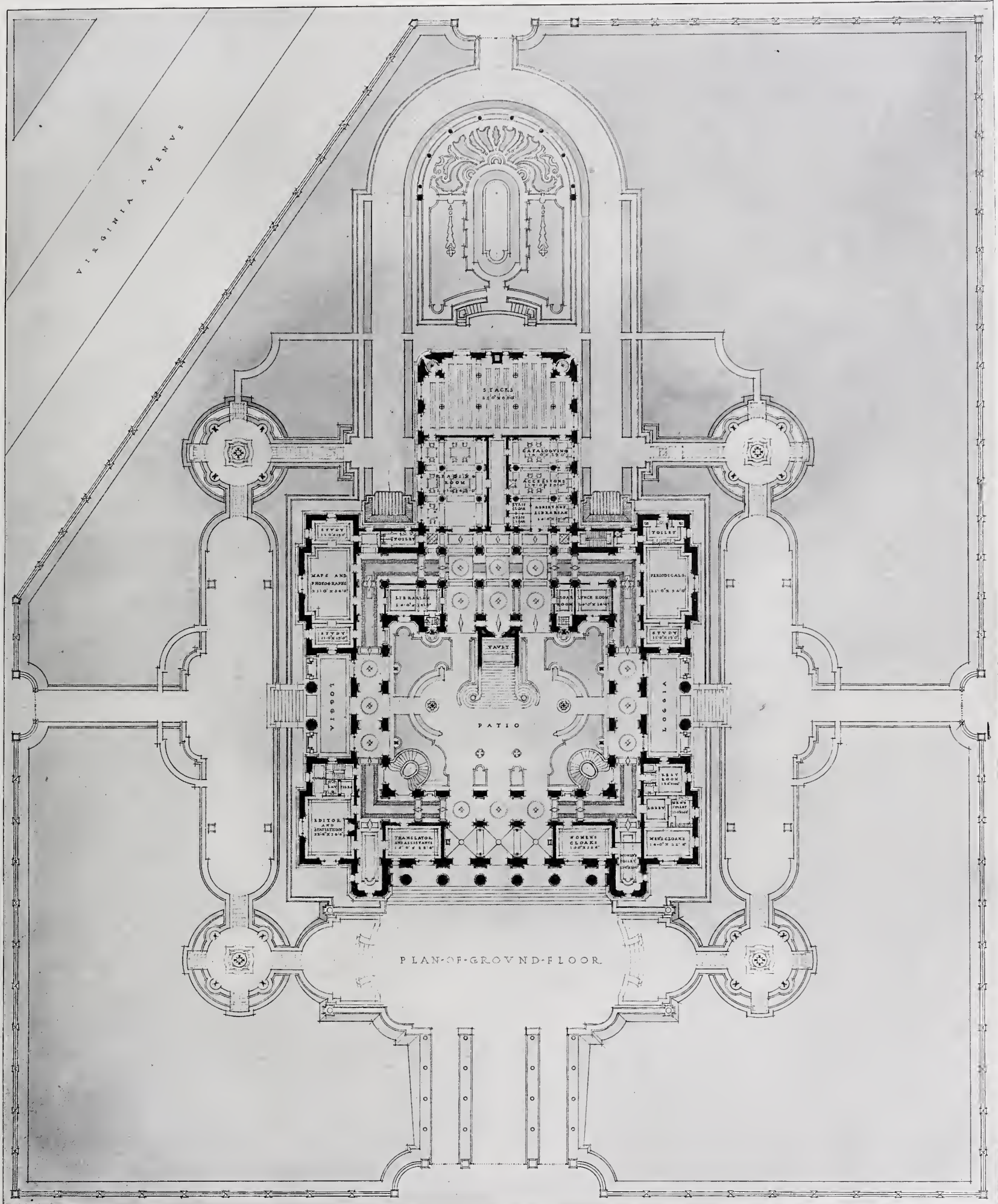
B. STREET ELEVATION



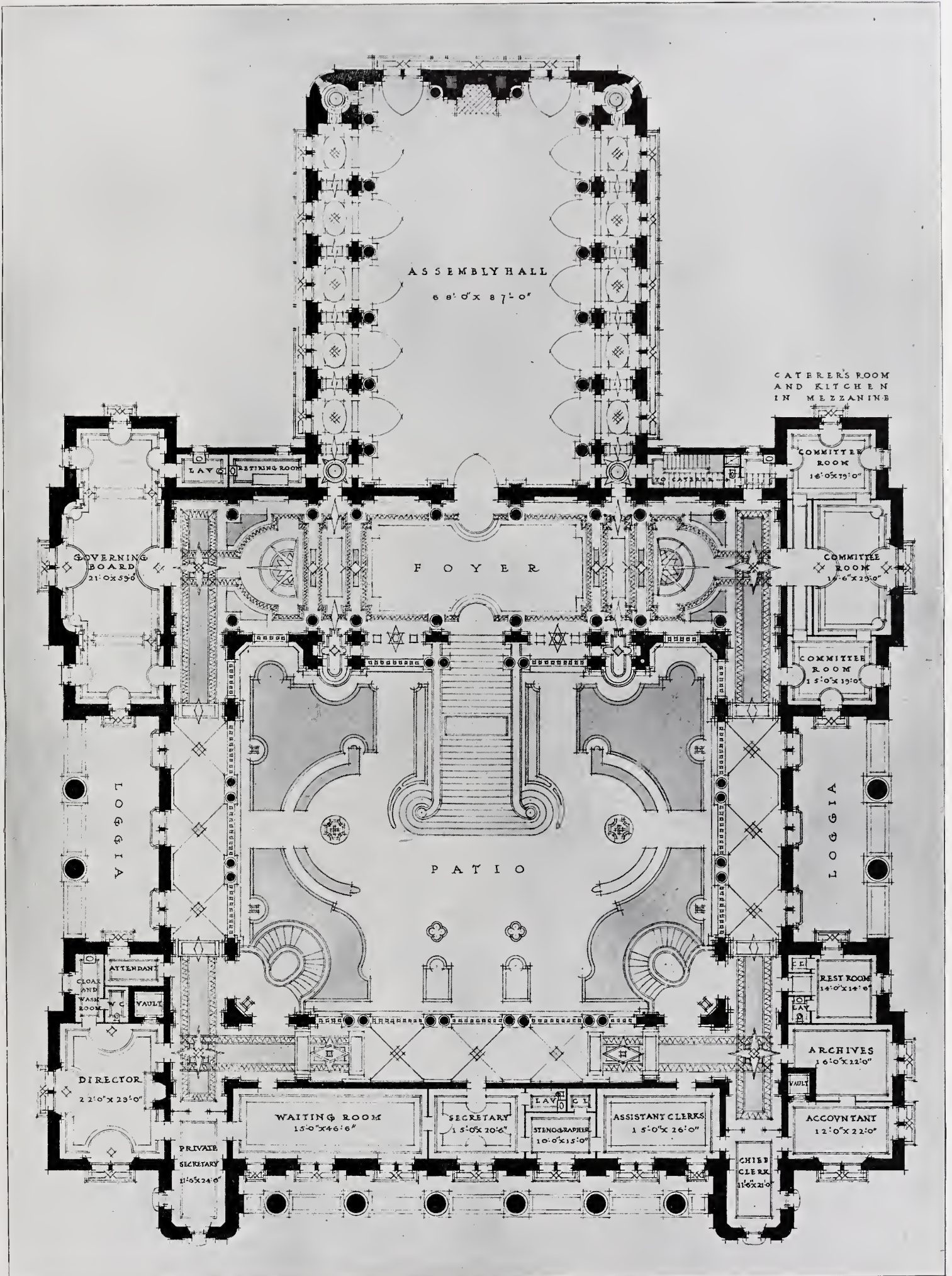
C. STREET ELEVATION

INTERNATIONAL BUREAU OF THE AMERICAN REPUBLICS

CHARLES C. HAIGHT AND ALFRED M. GITHENS, ARCHITECTS



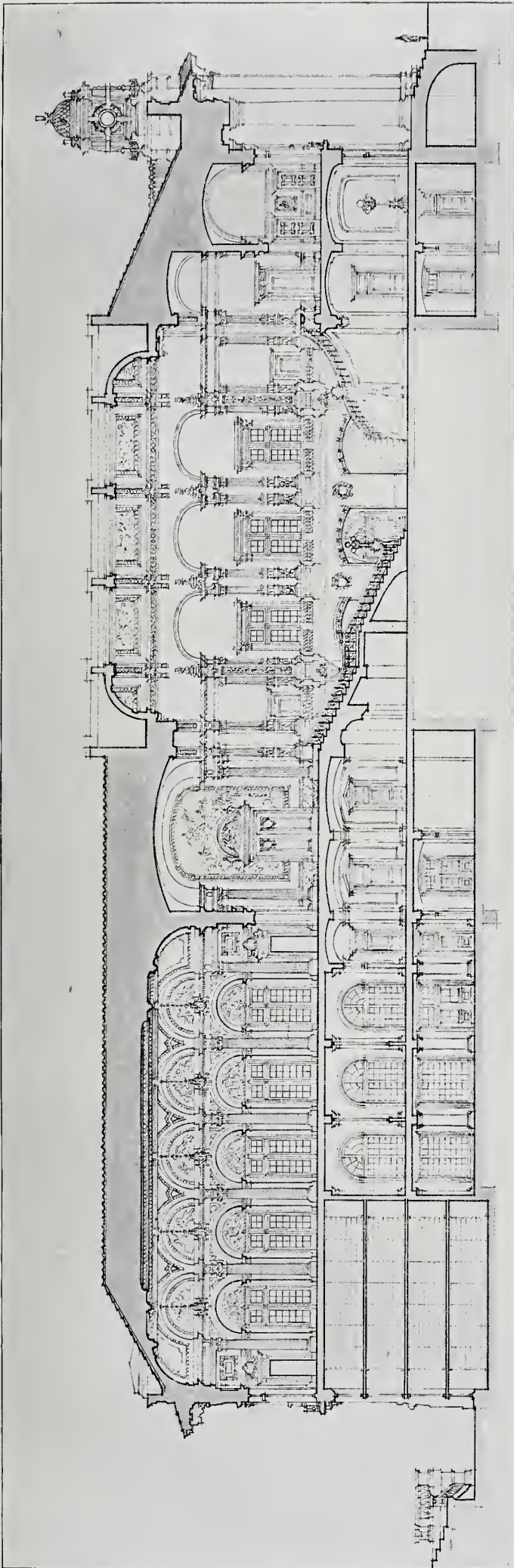
PLOT PLAN



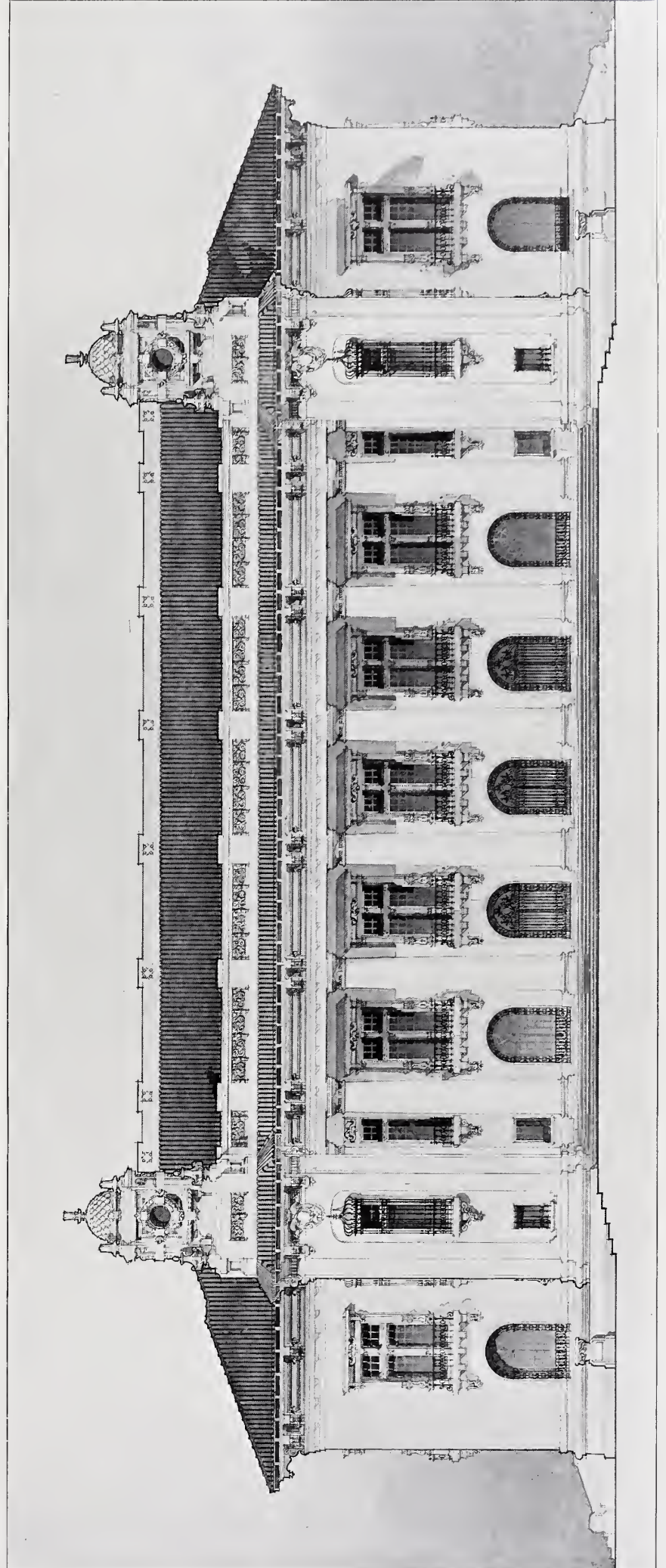
SECOND FLOOR PLAN

INTERNATIONAL BUREAU OF THE AMERICAN REPUBLICS

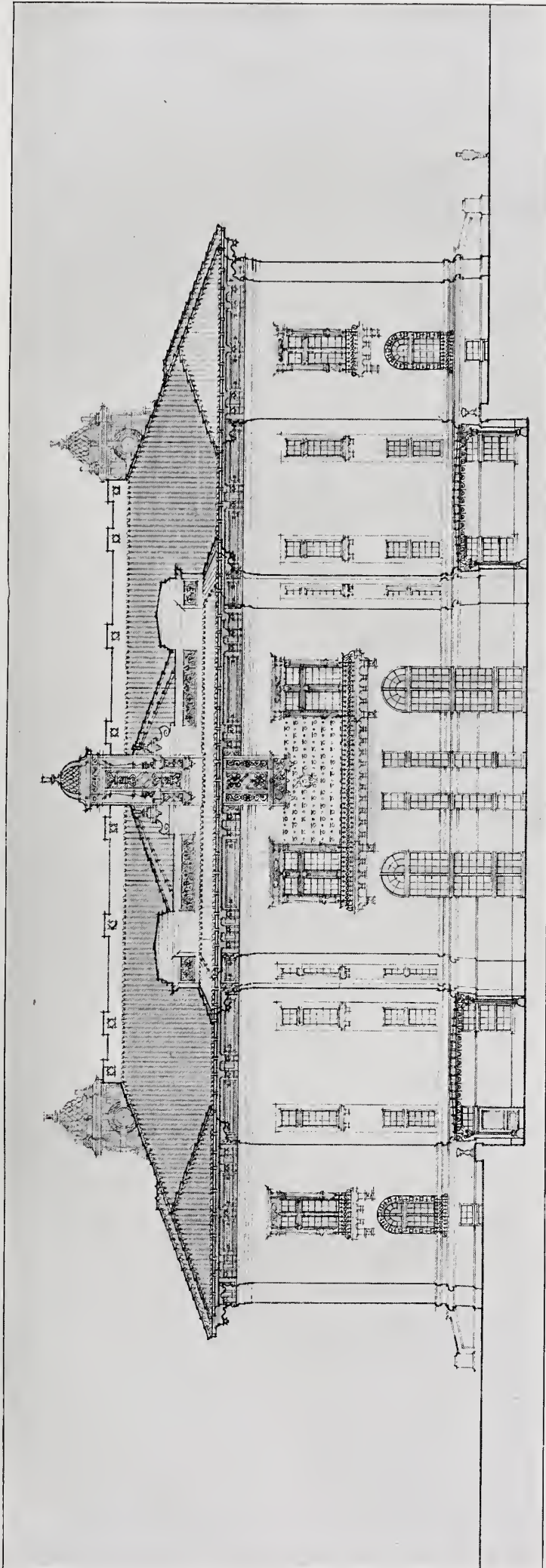
HOWARD V. B. MAGONIGLE, ARCHITECT



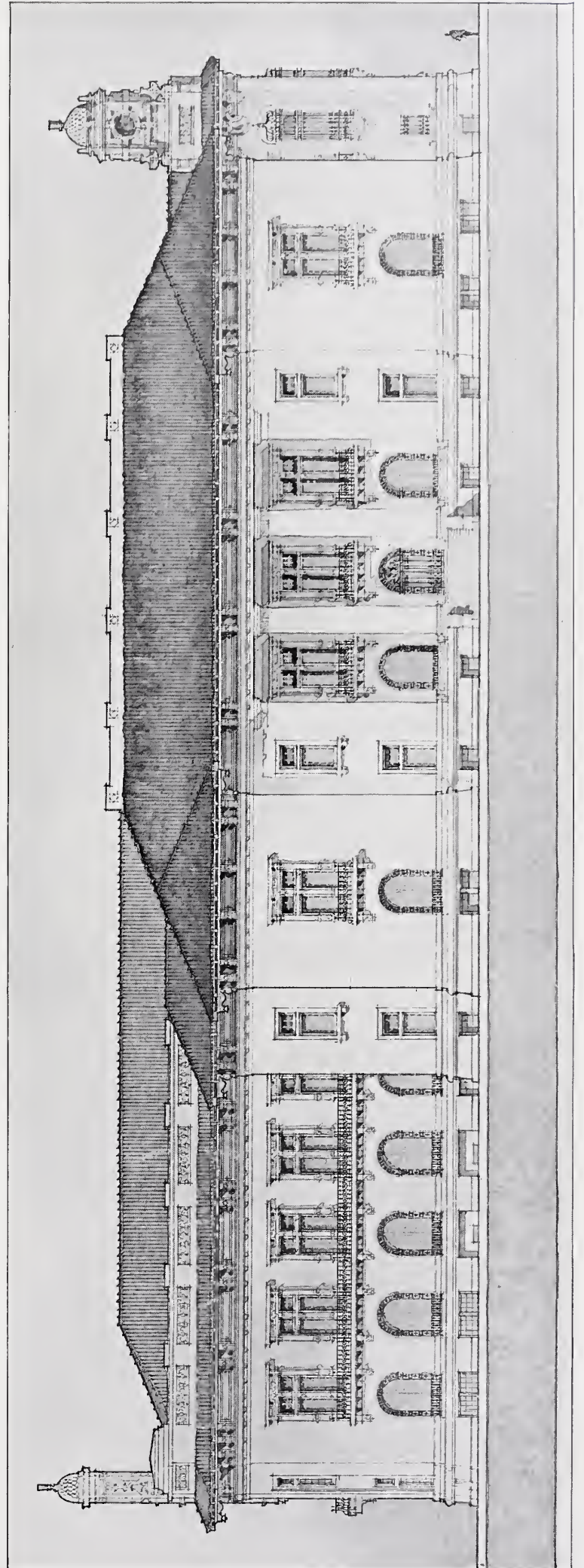
LONGITUDINAL SECTION



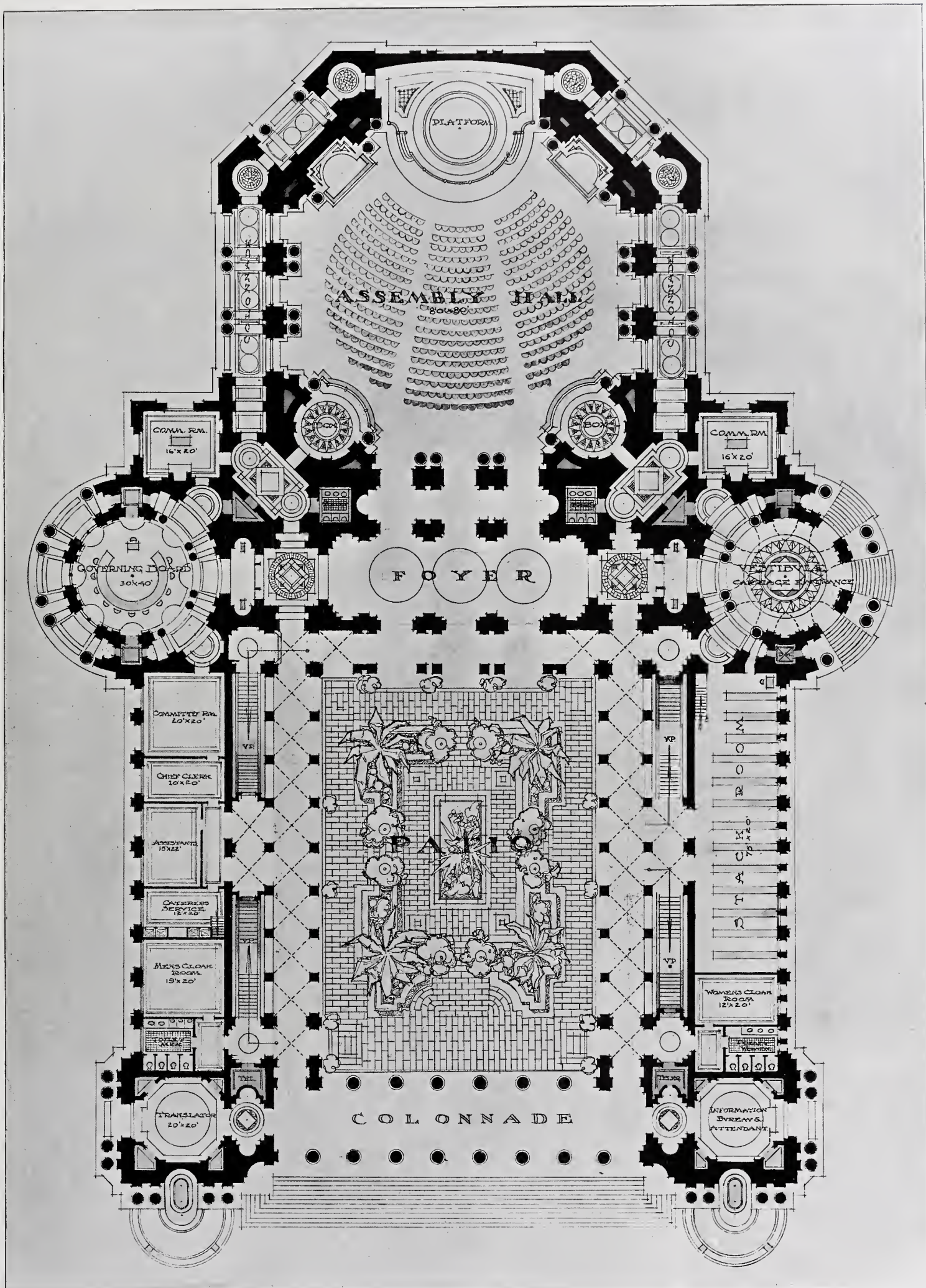
FRONT ELEVATION (17TH STREET)



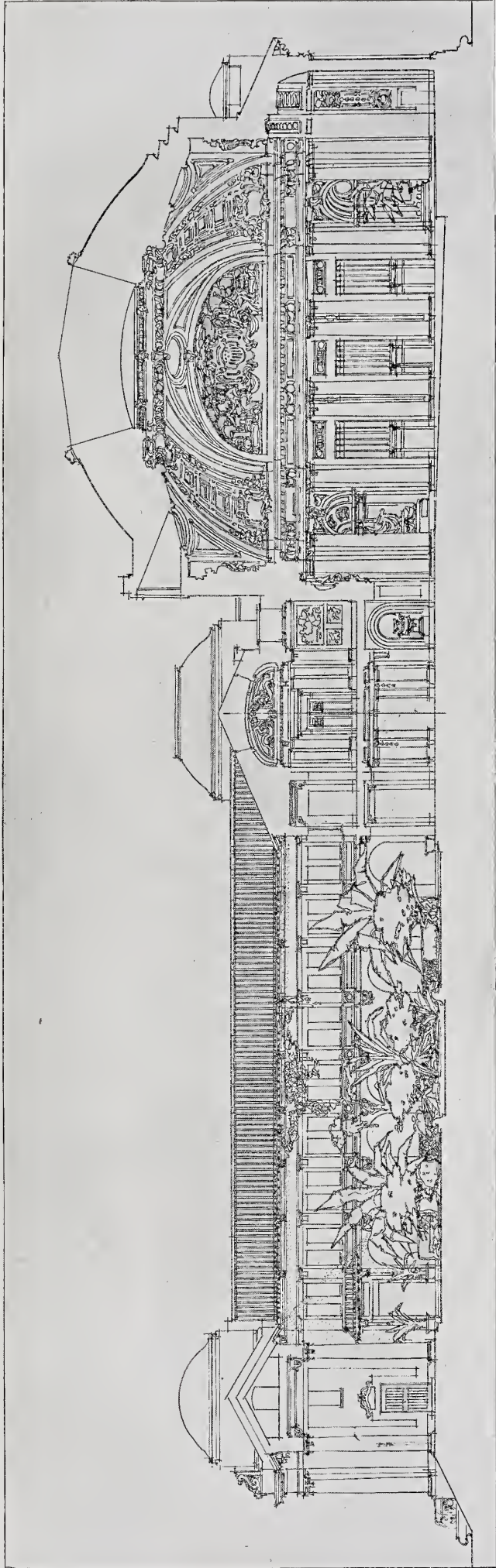
REAR ELEVATION (18TH STREET)



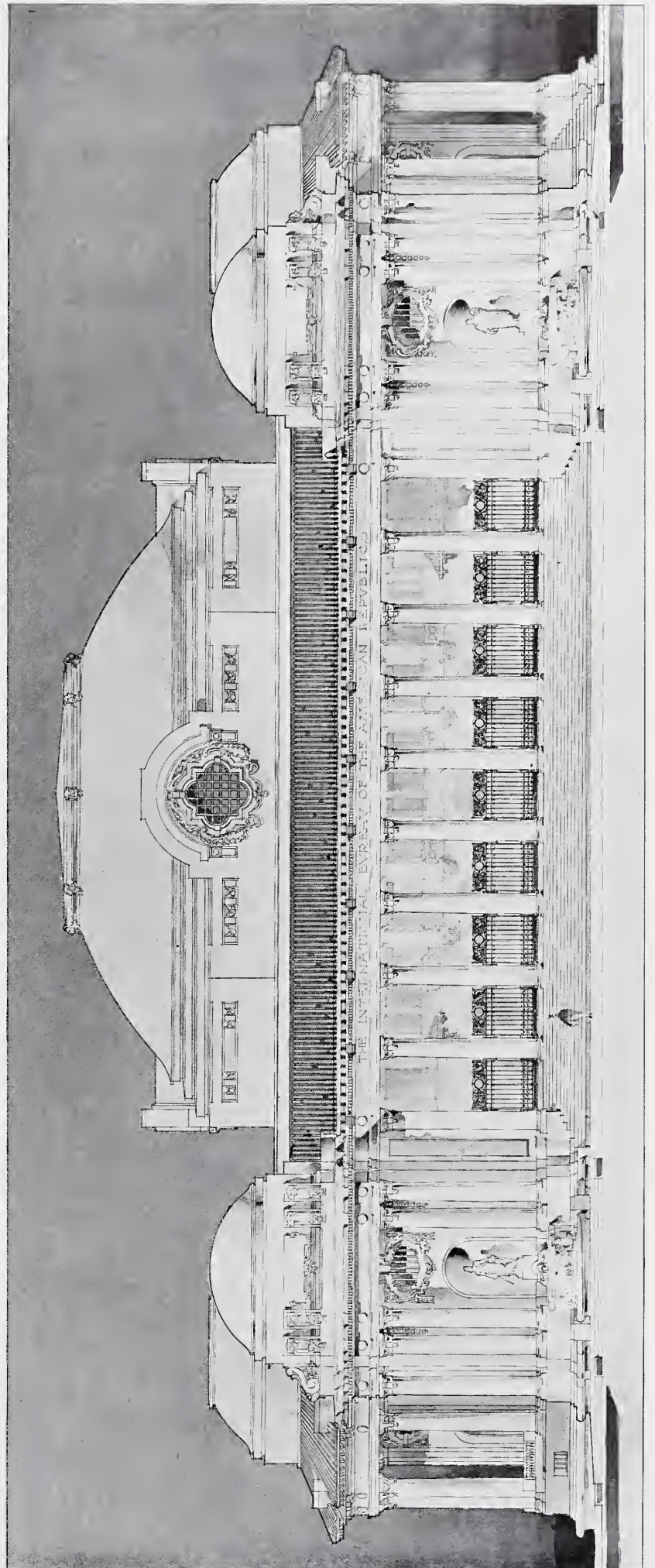
SOUTH ELEVATION (B. STREET)



FIRST FLOOR PLAN



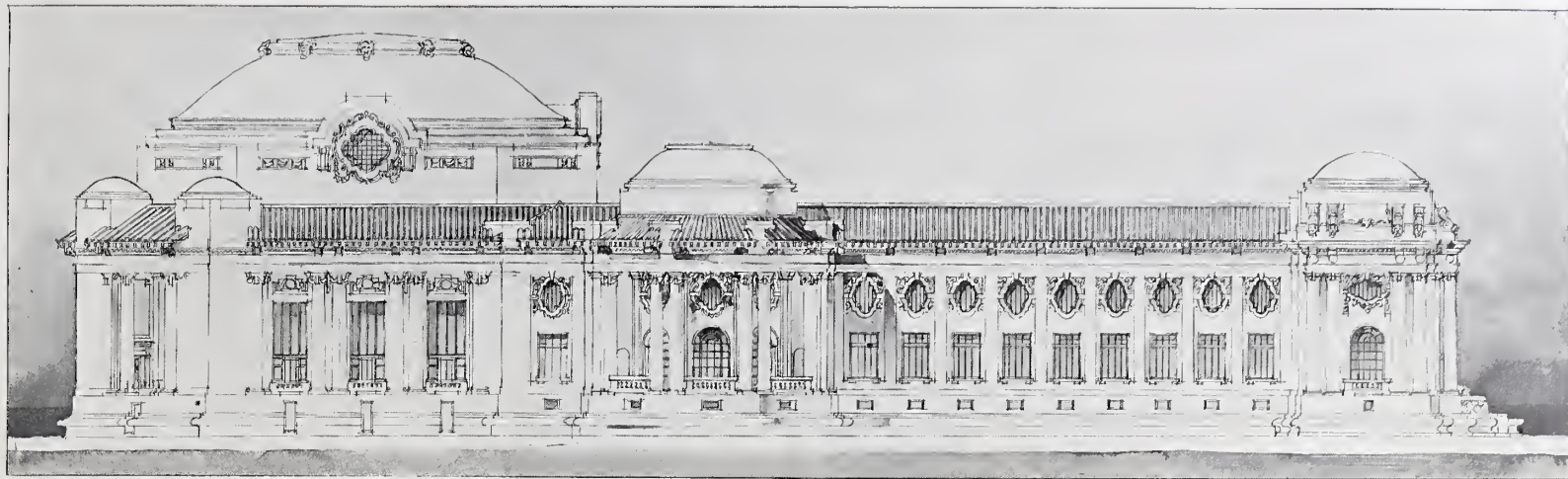
LONGITUDINAL SECTION



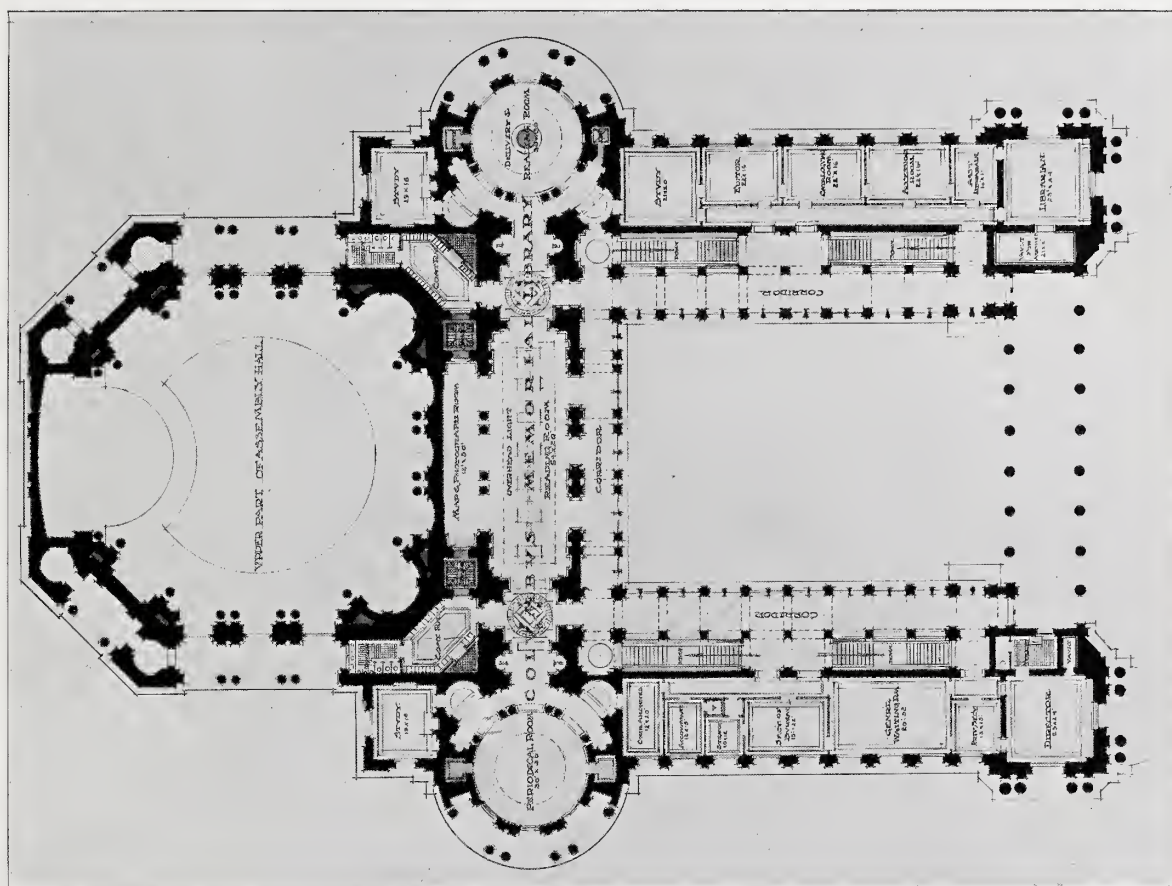
FRONT ELEVATION (17TH STREET)

INTERNATIONAL BUREAU OF THE AMERICAN REPUBLICS

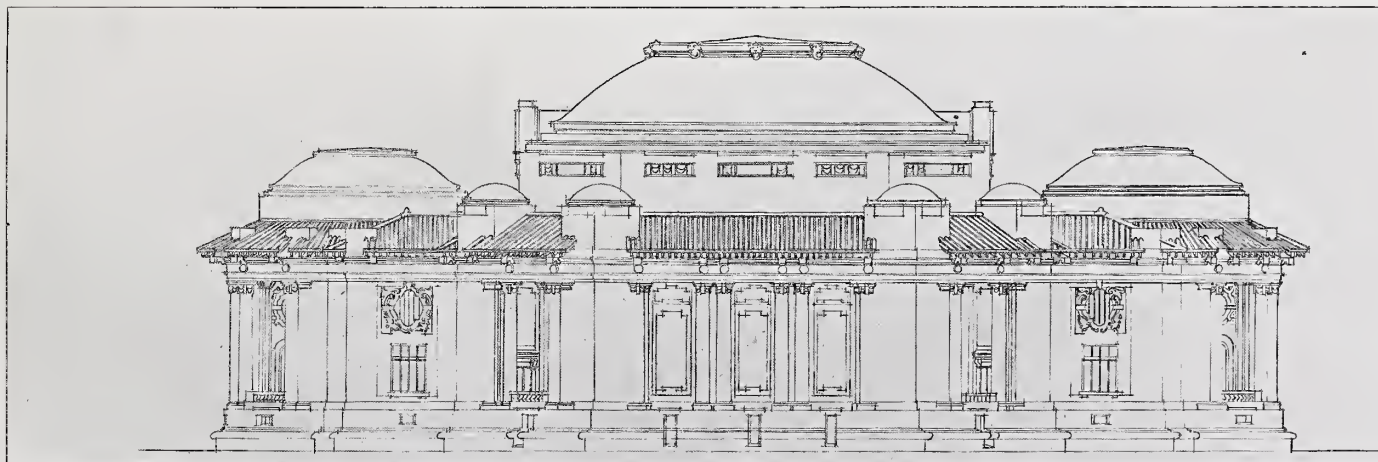
J. H. FREEDLANDER, ARCHITECT



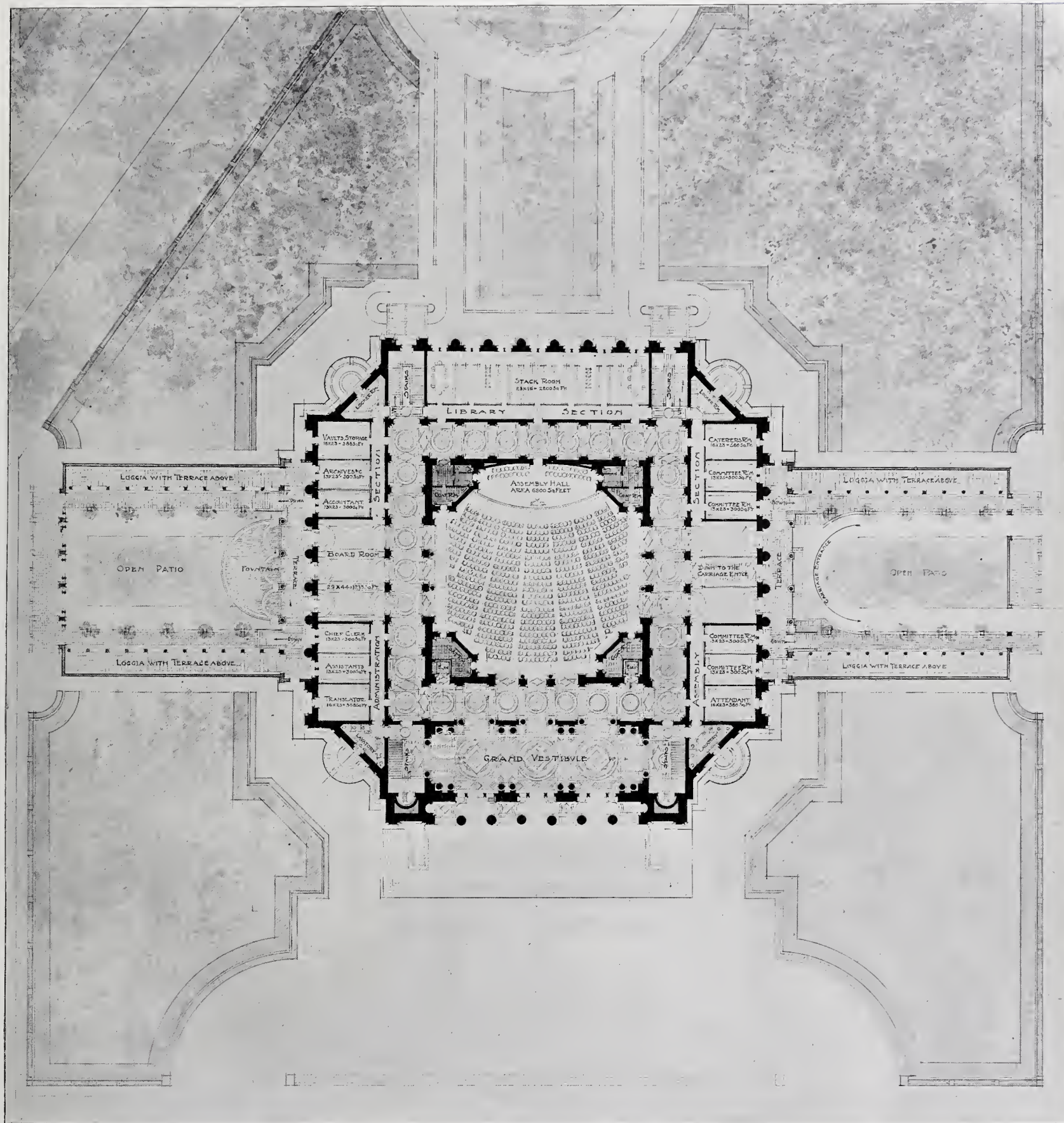
SOUTH ELEVATION (B. STREET)



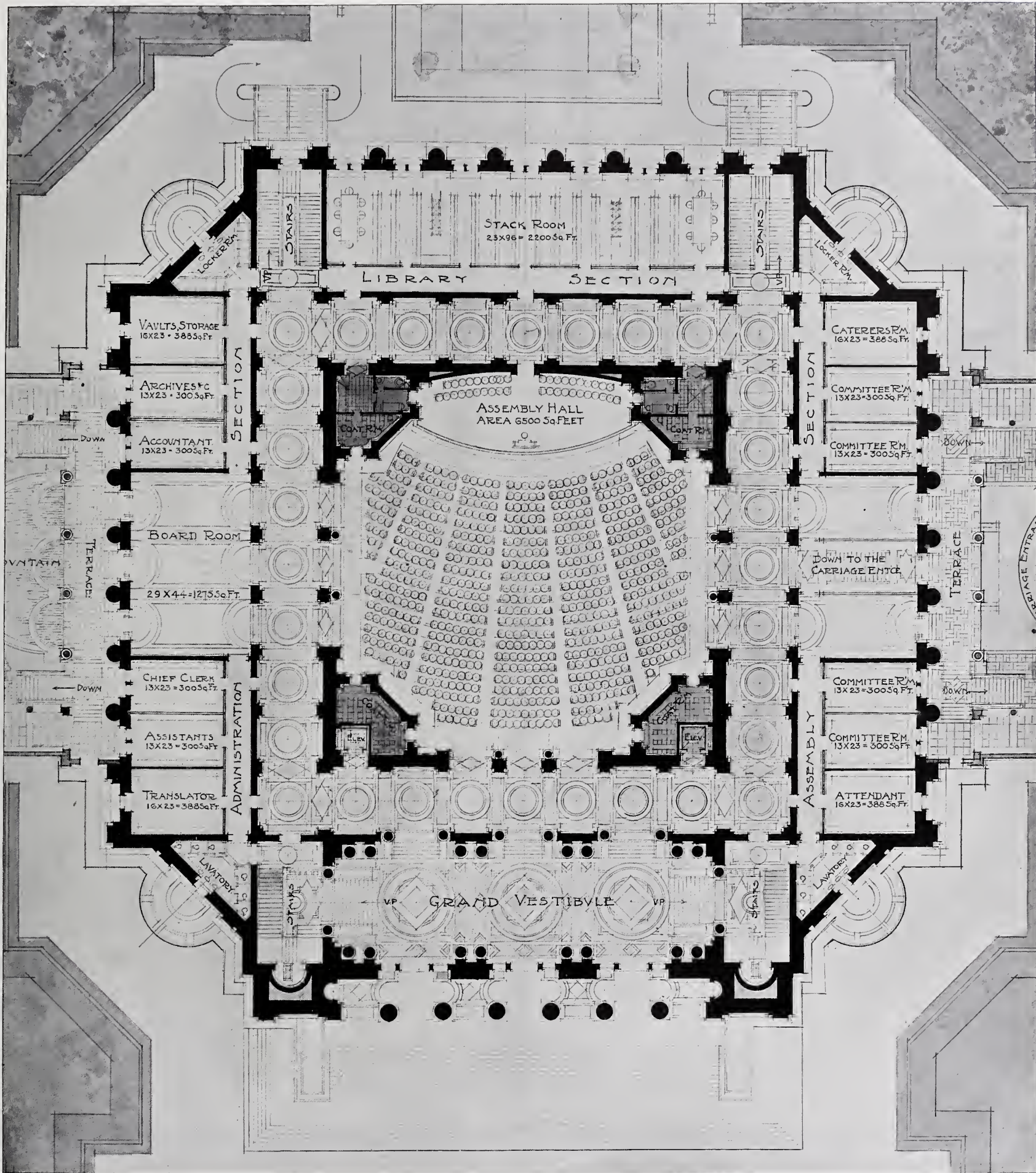
SECOND FLOOR PLAN



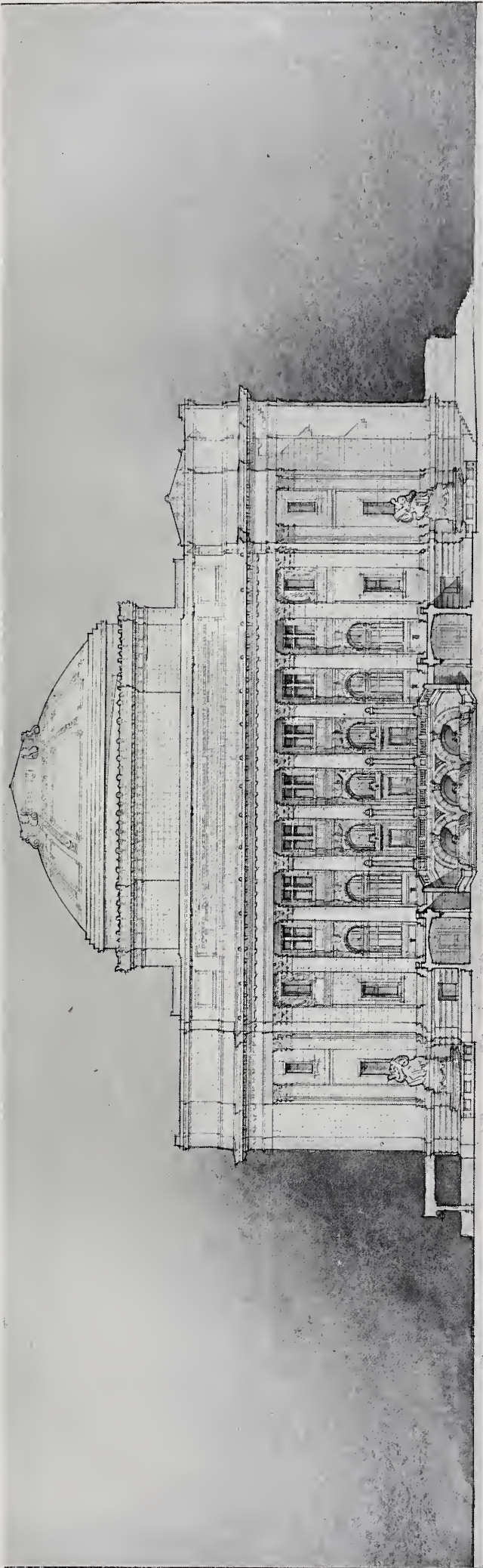
REAR OR WEST ELEVATION



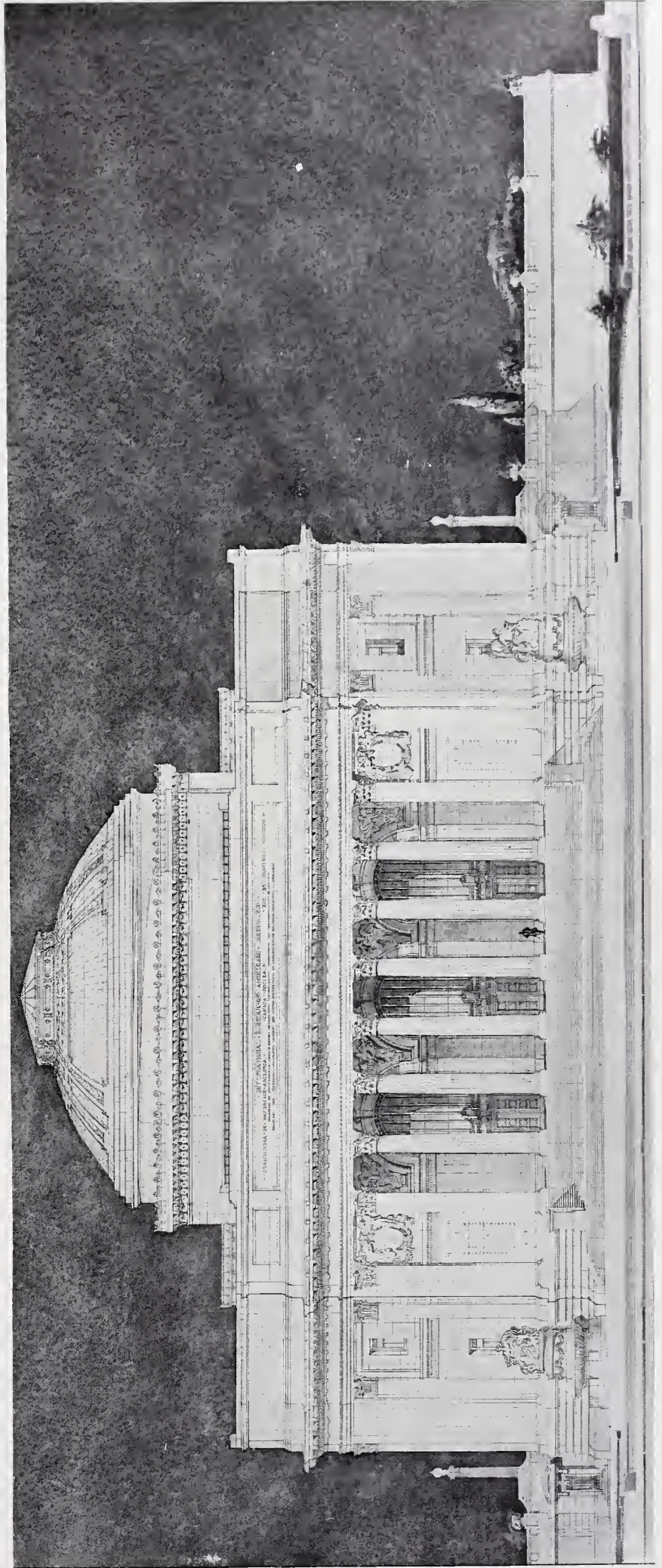
PLOT PLAN



FIRST FLOOR PLAN

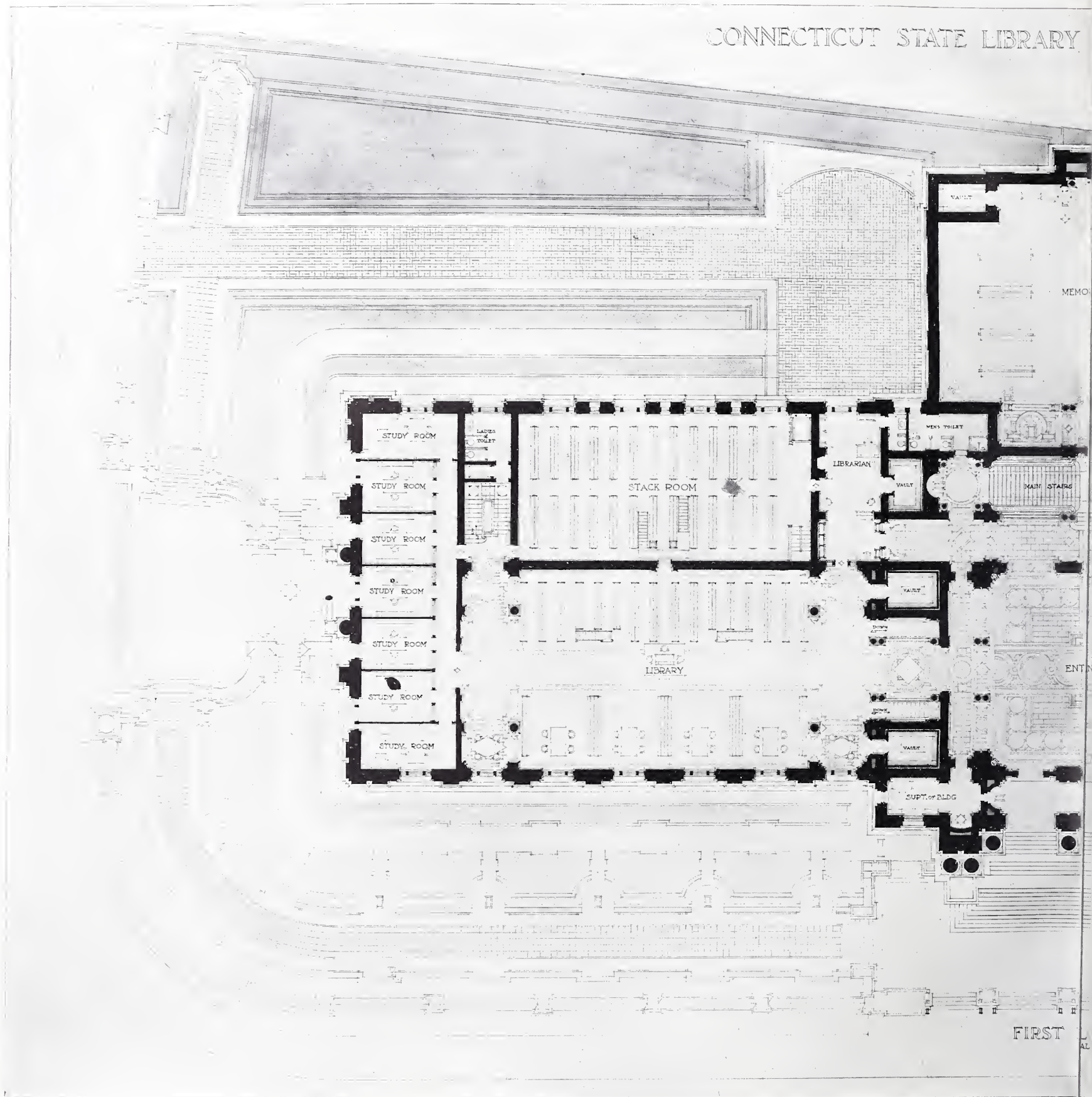


SOUTH ELEVATION (B. STREET)



FRONT ELEVATION (17TH STREET)

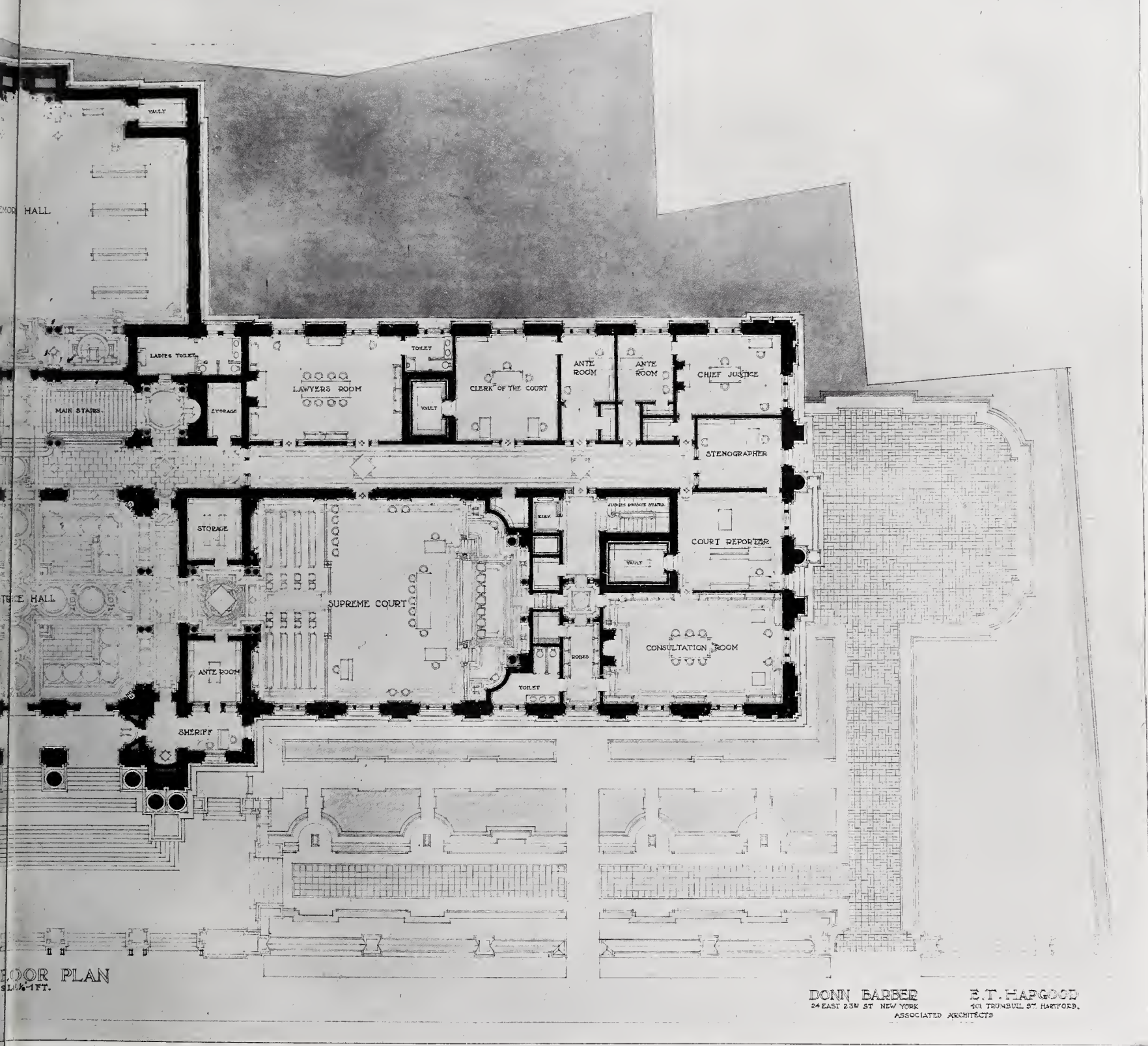
CONNECTICUT STATE LIBRARY



FIRST

FIRST LO

ND SUPREME COURT BUILDING

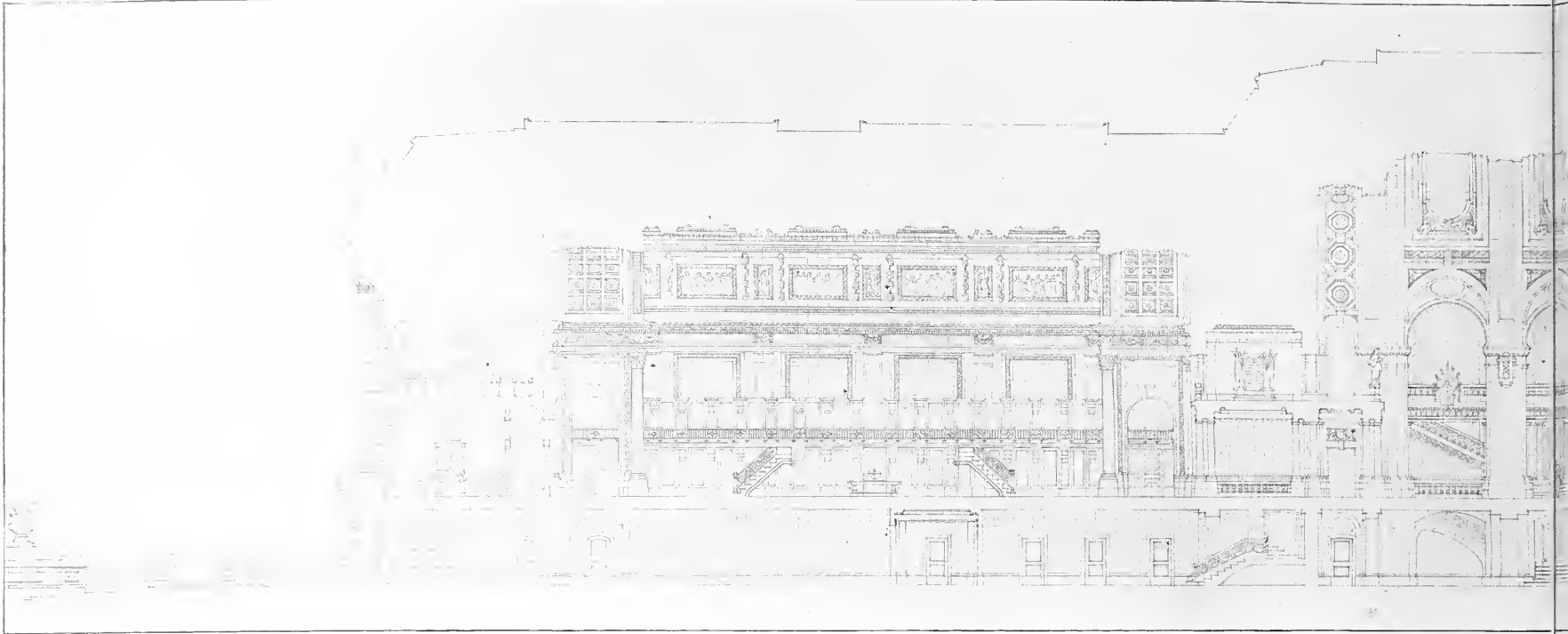


FLOOR PLAN
SCALE 1/4" = 1'-0"

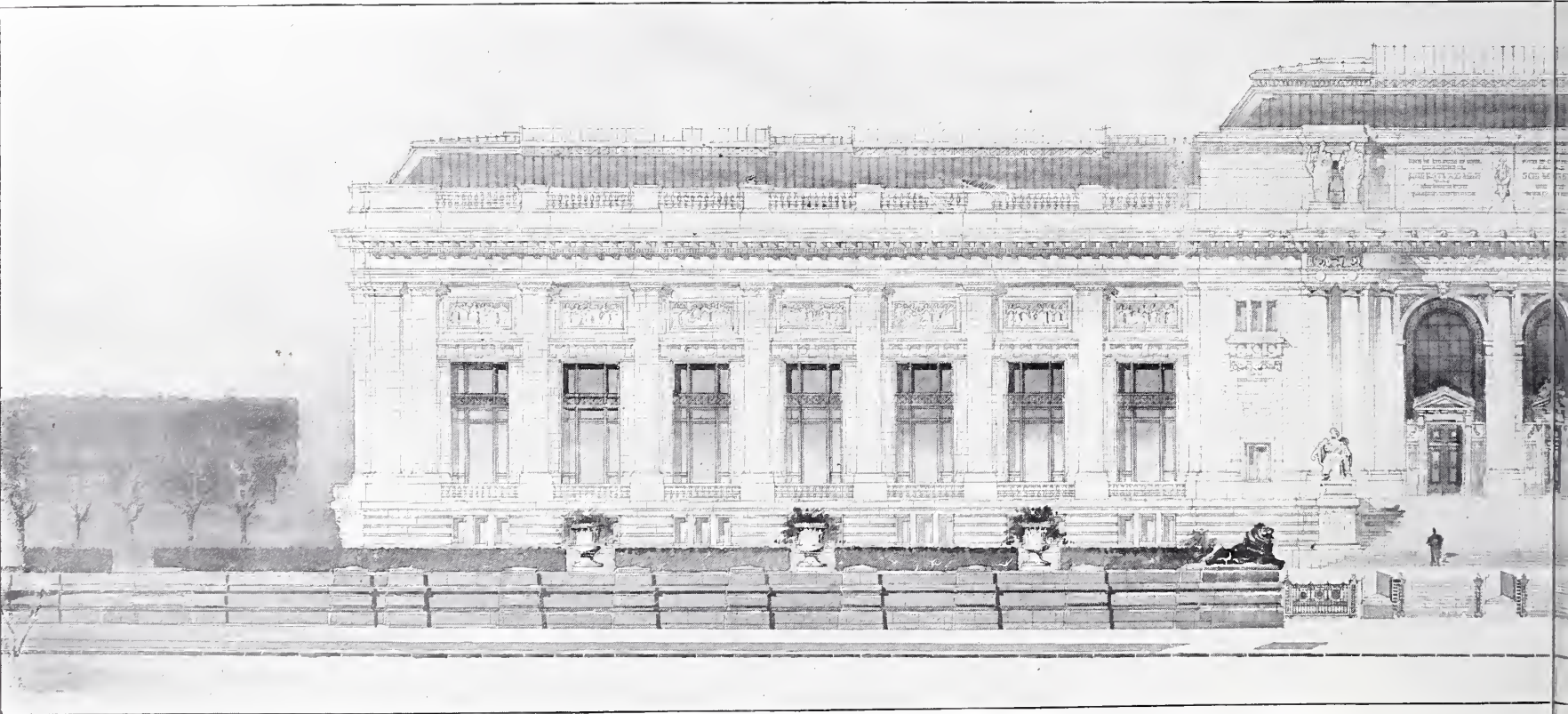
DONN BARBER
24 EAST 23rd ST. NEW YORK
E.T. HAPGOOD
401 TRUMBULL ST. HARTFORD,
ASSOCIATED ARCHITECTS

FLOOR PLAN

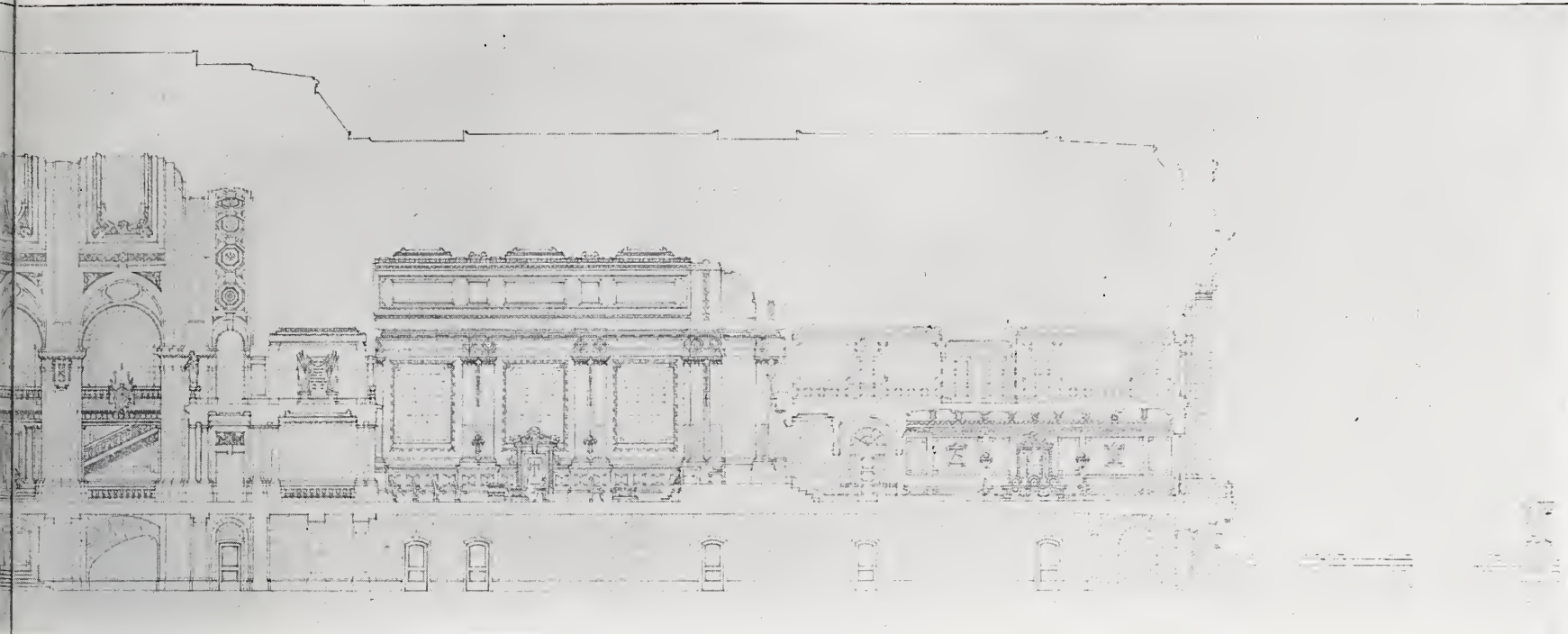




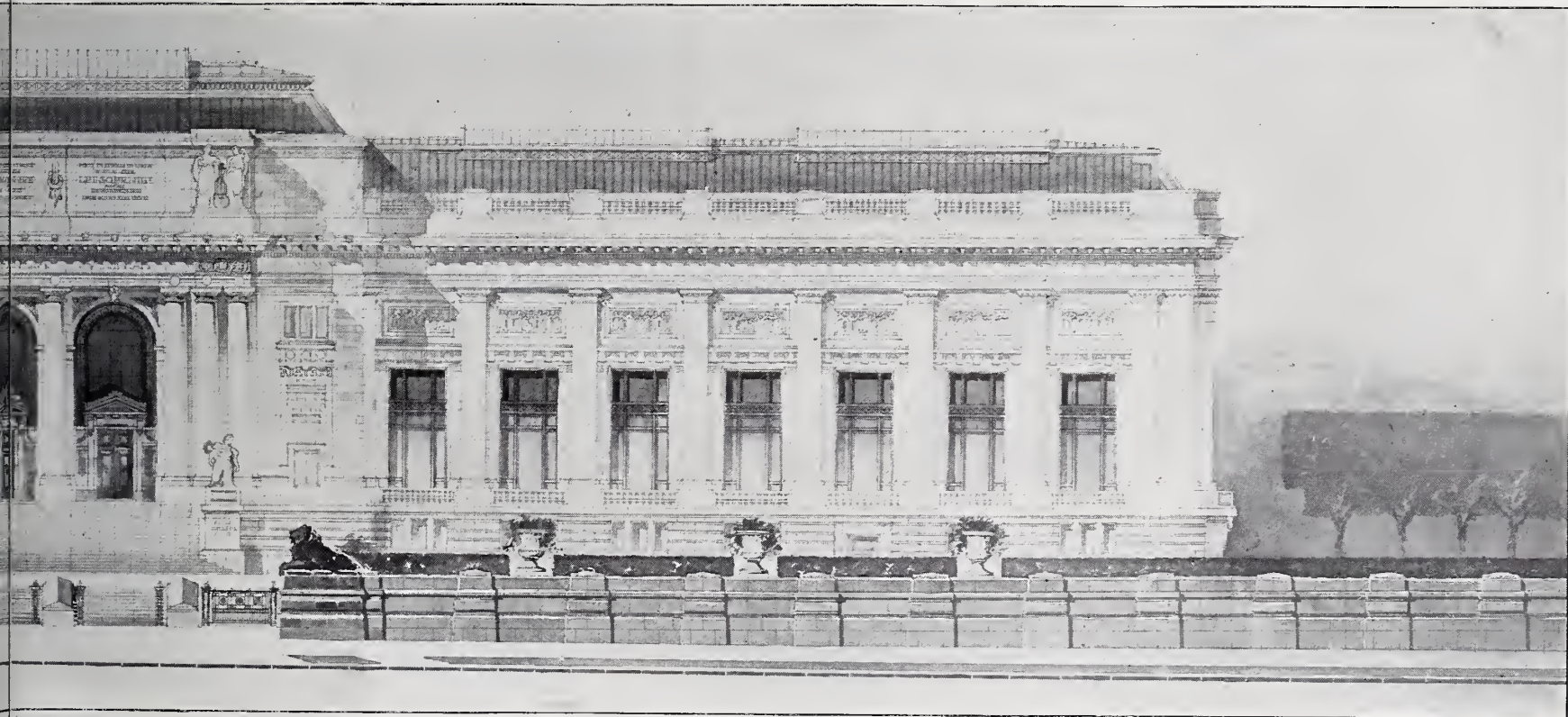
LONGITUDIN L



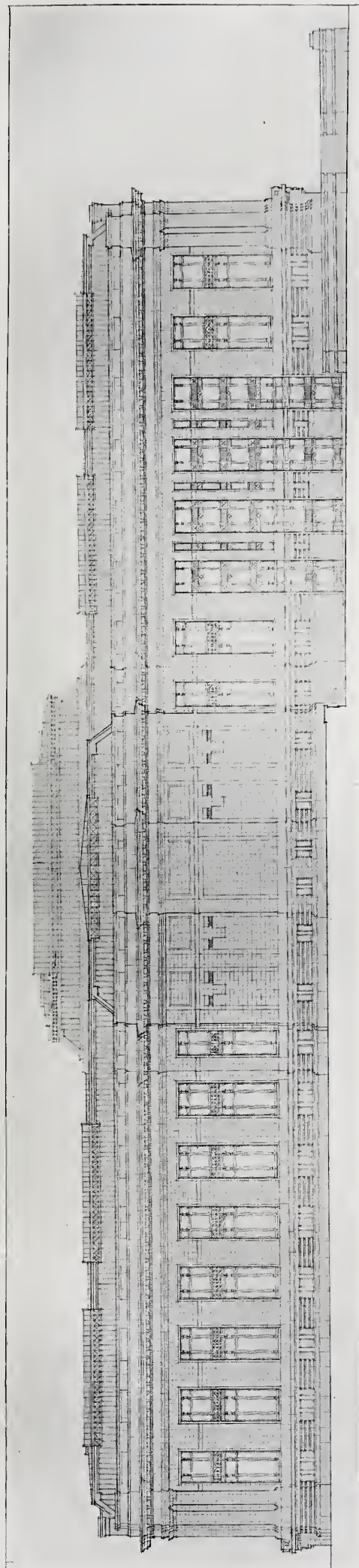
FRONT E



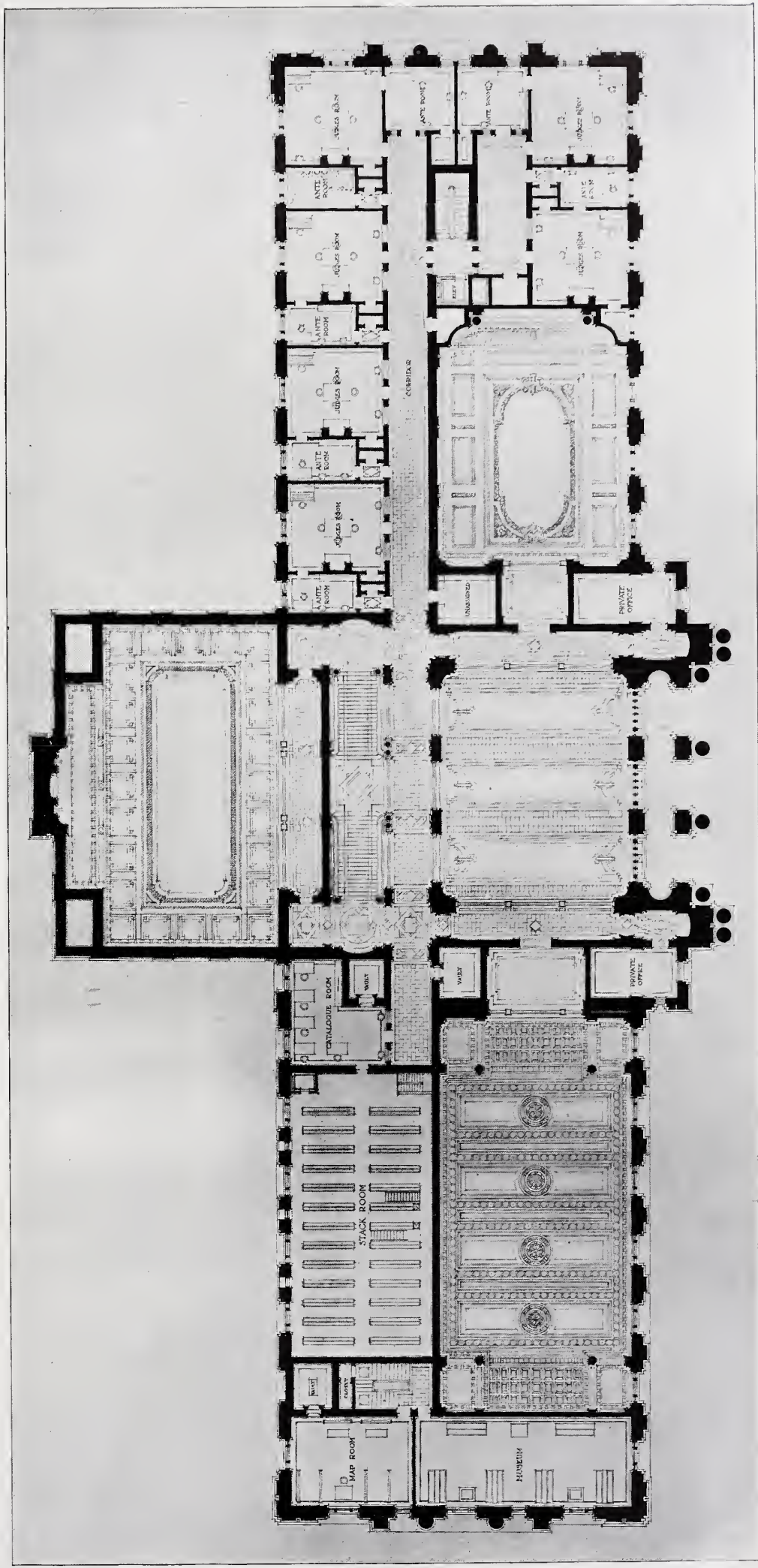
SECTION



ELEVATION

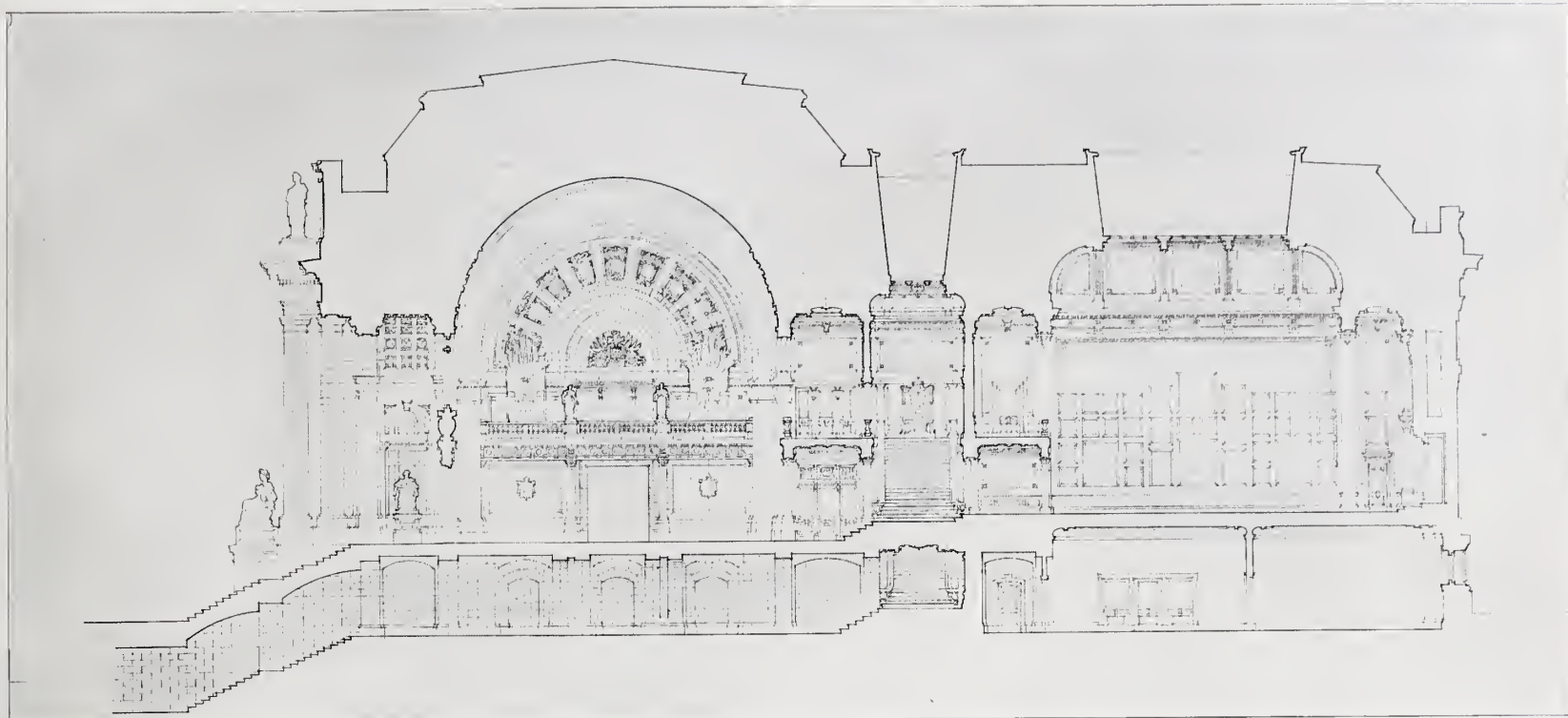


REAR ELEVATION

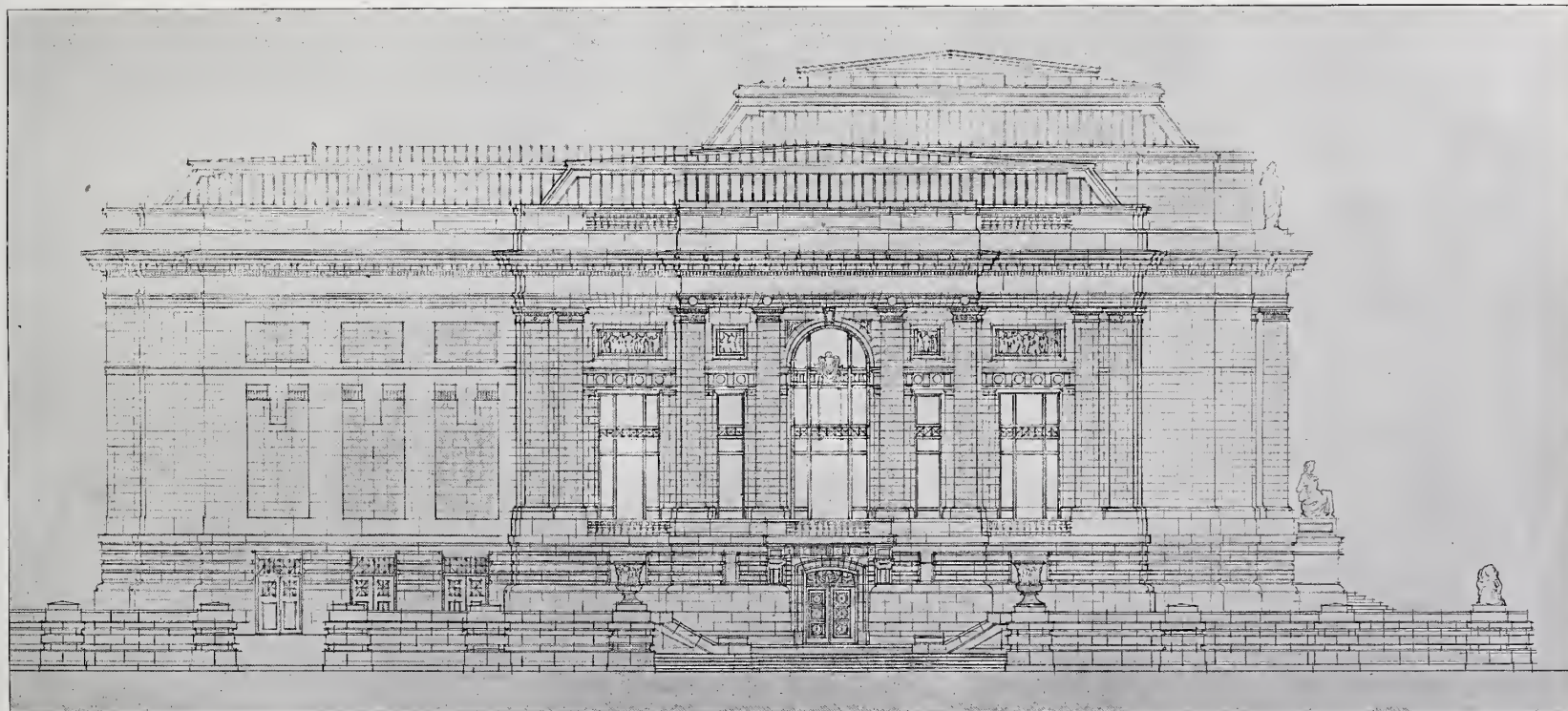


SECOND FLOOR PLAN



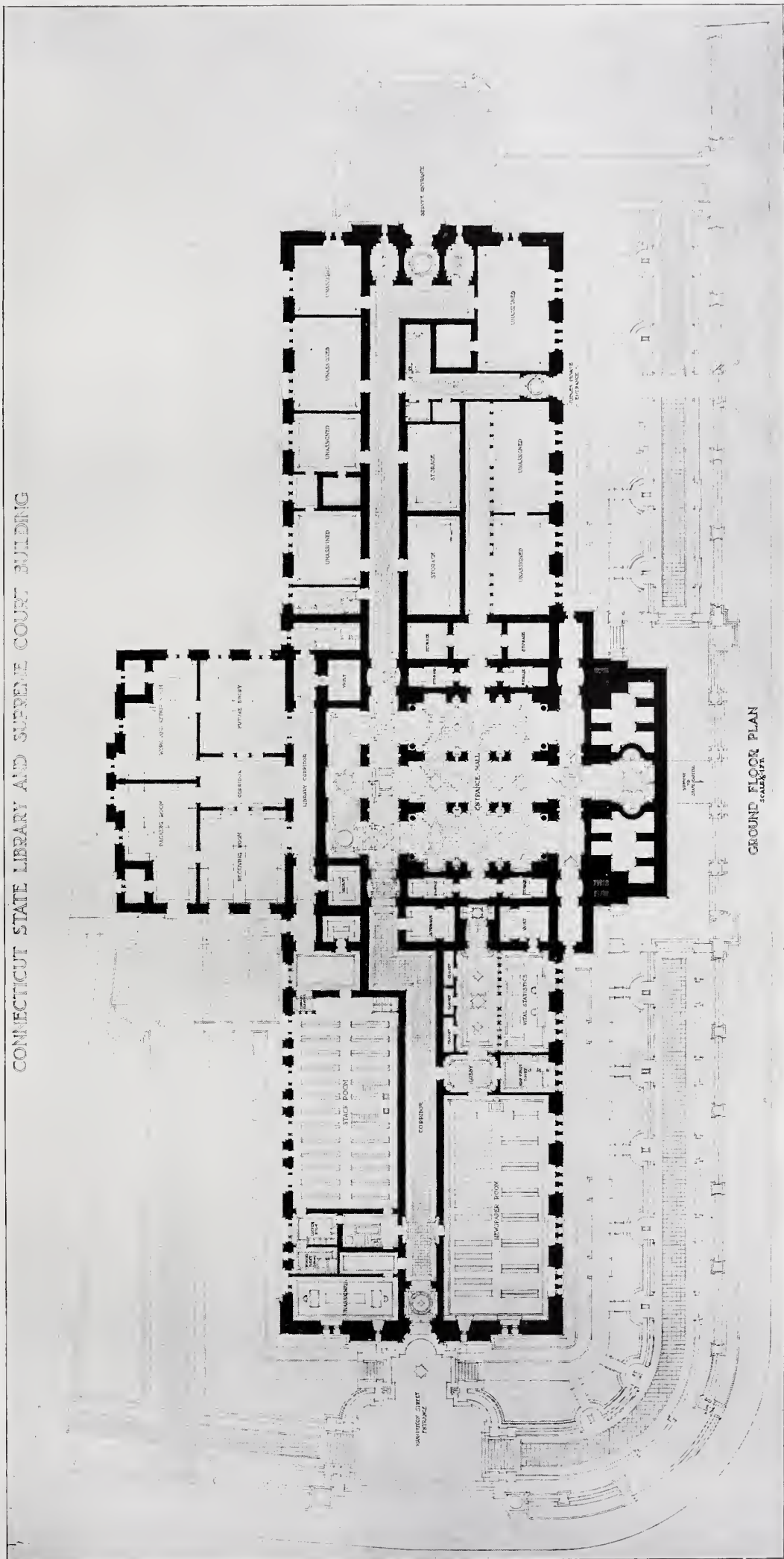


TRANSVERSE SECTION

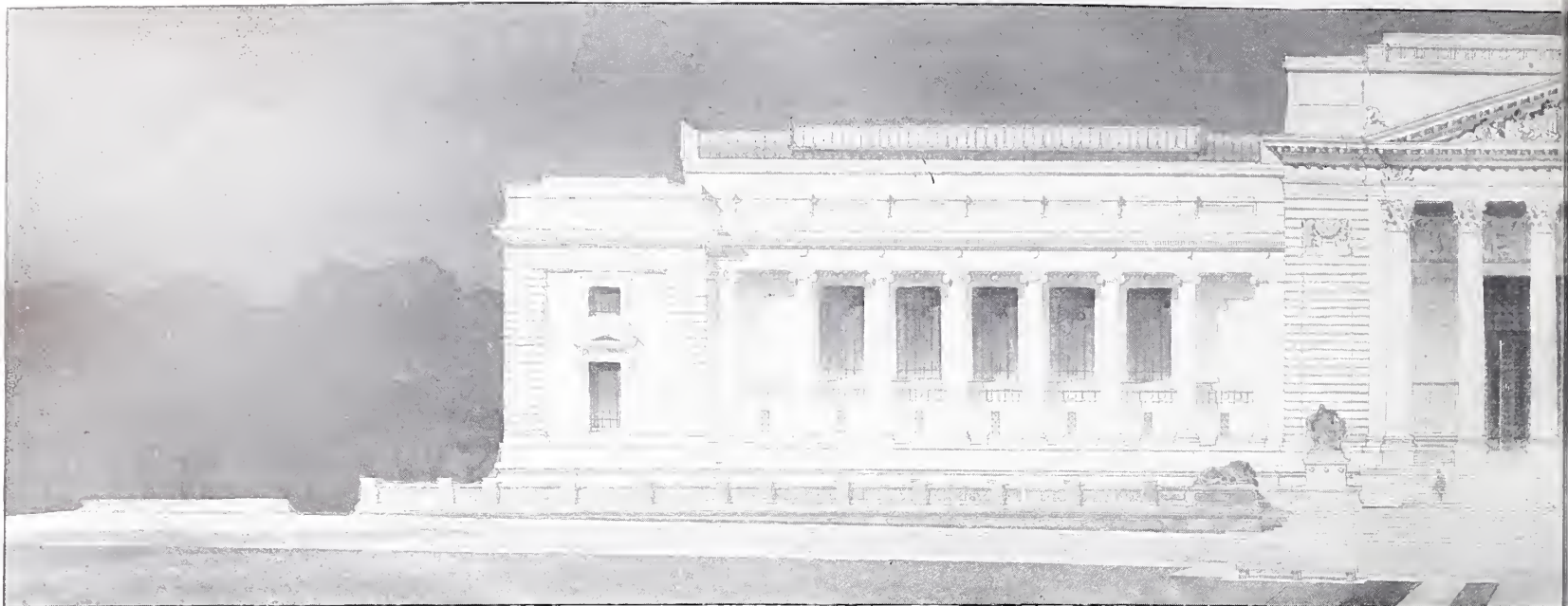


END ELEVATION (WASHINGTON STREET)

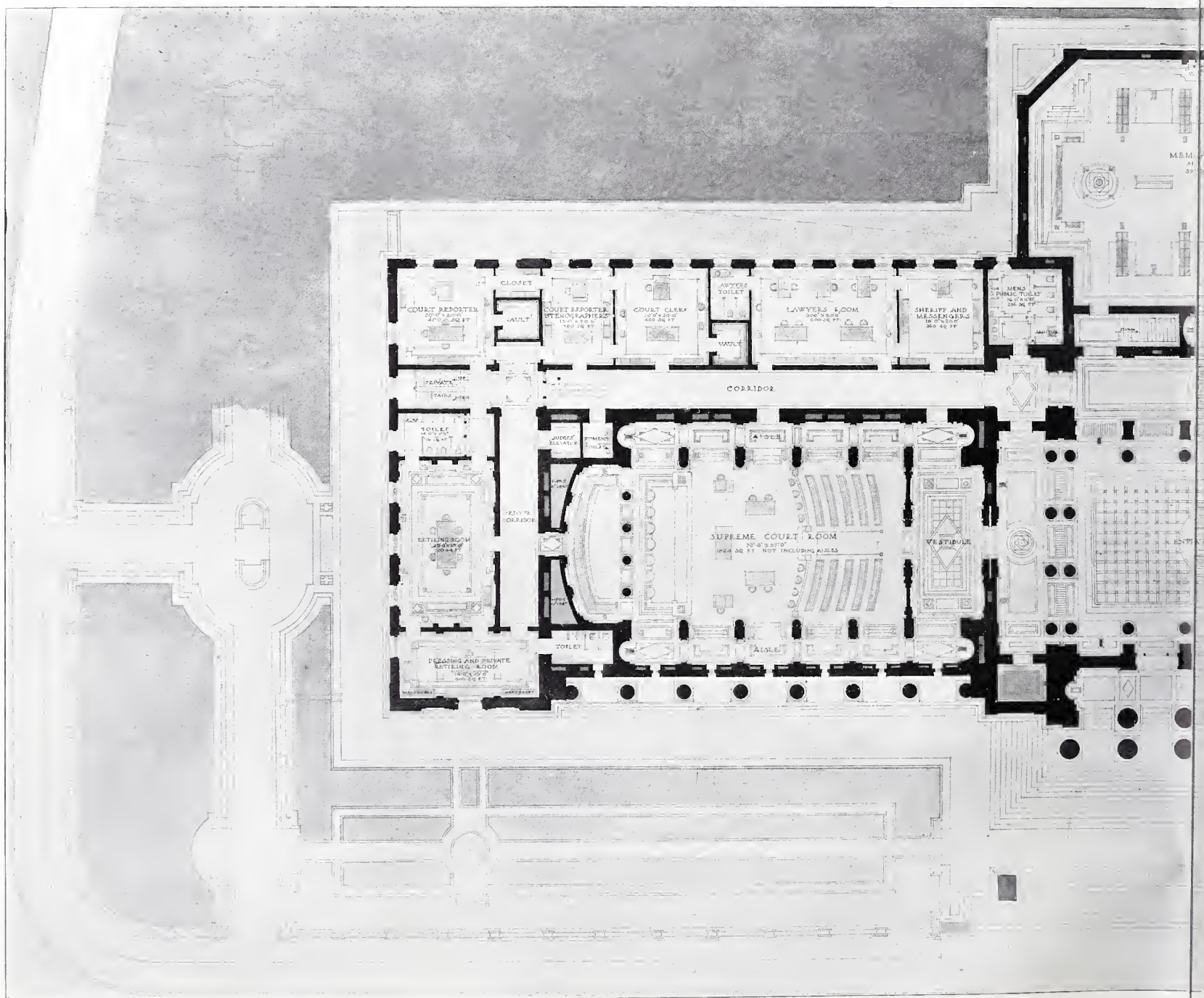
CONNECTICUT STATE LIBRARY AND SUPREME COURT BUILDING



BASEMENT FLOOR PLAN



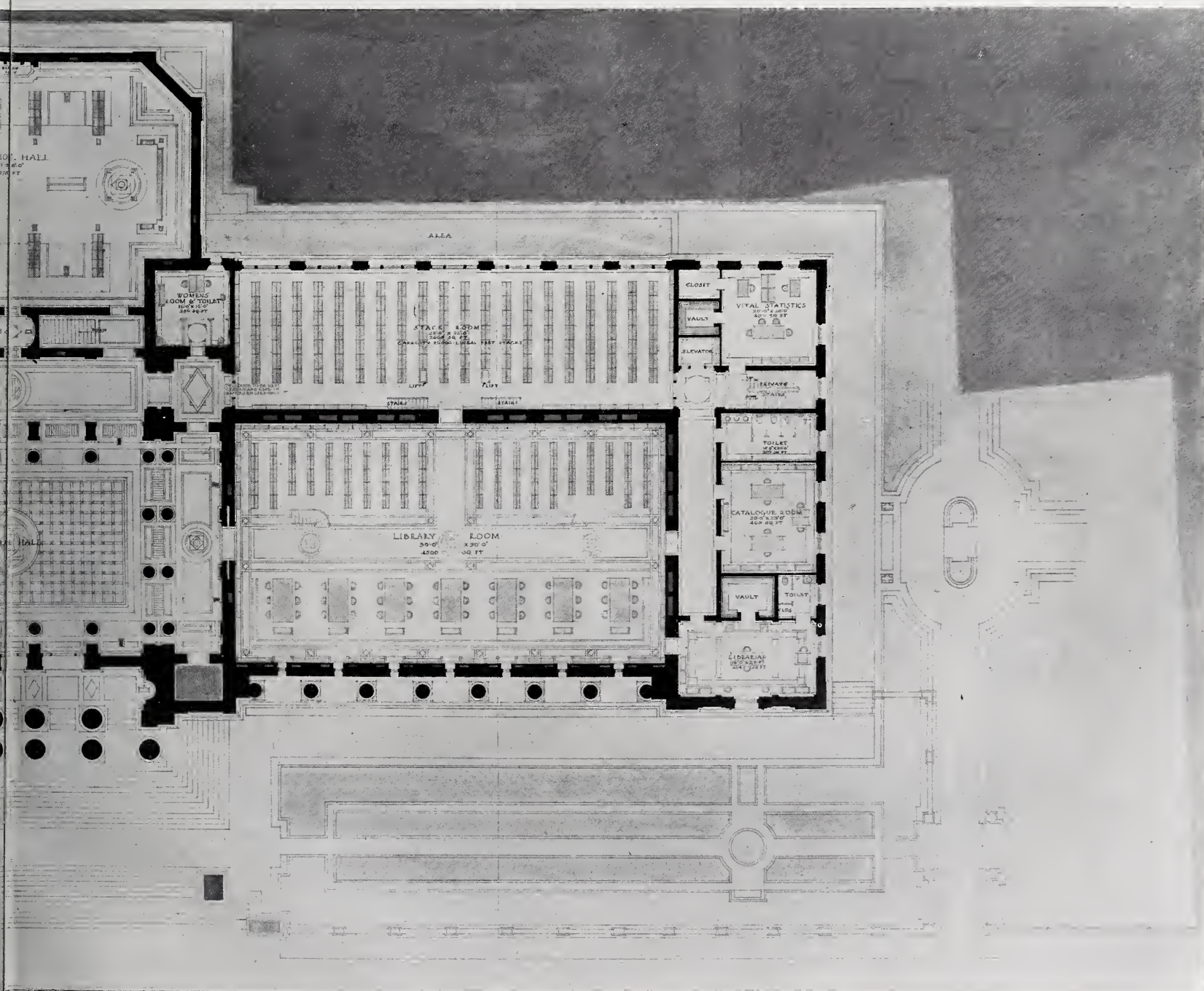
FRONT



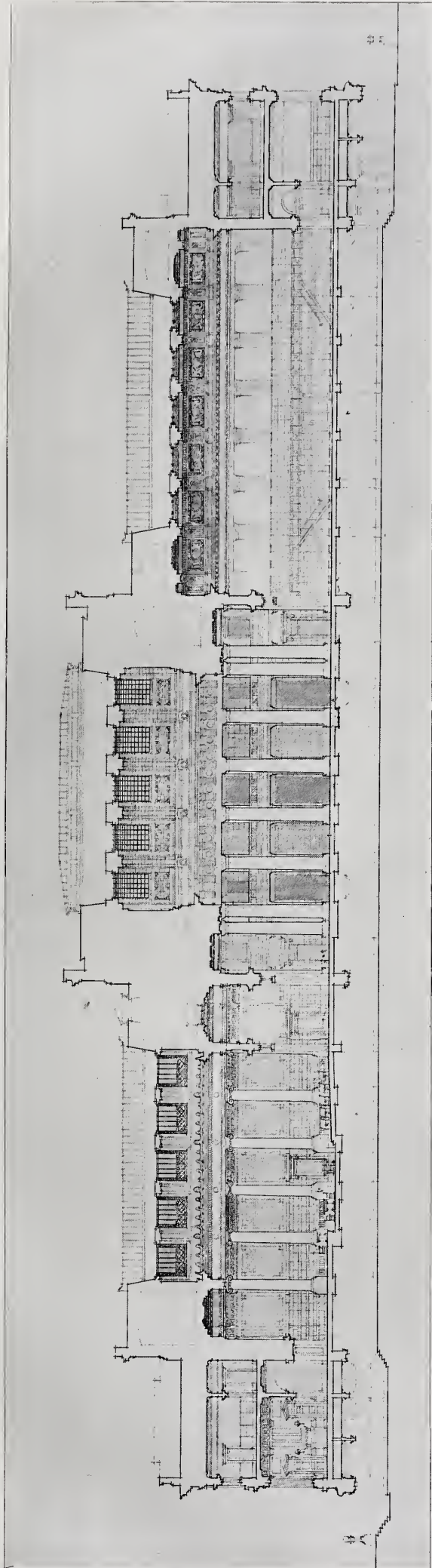
FIRST FLOOR



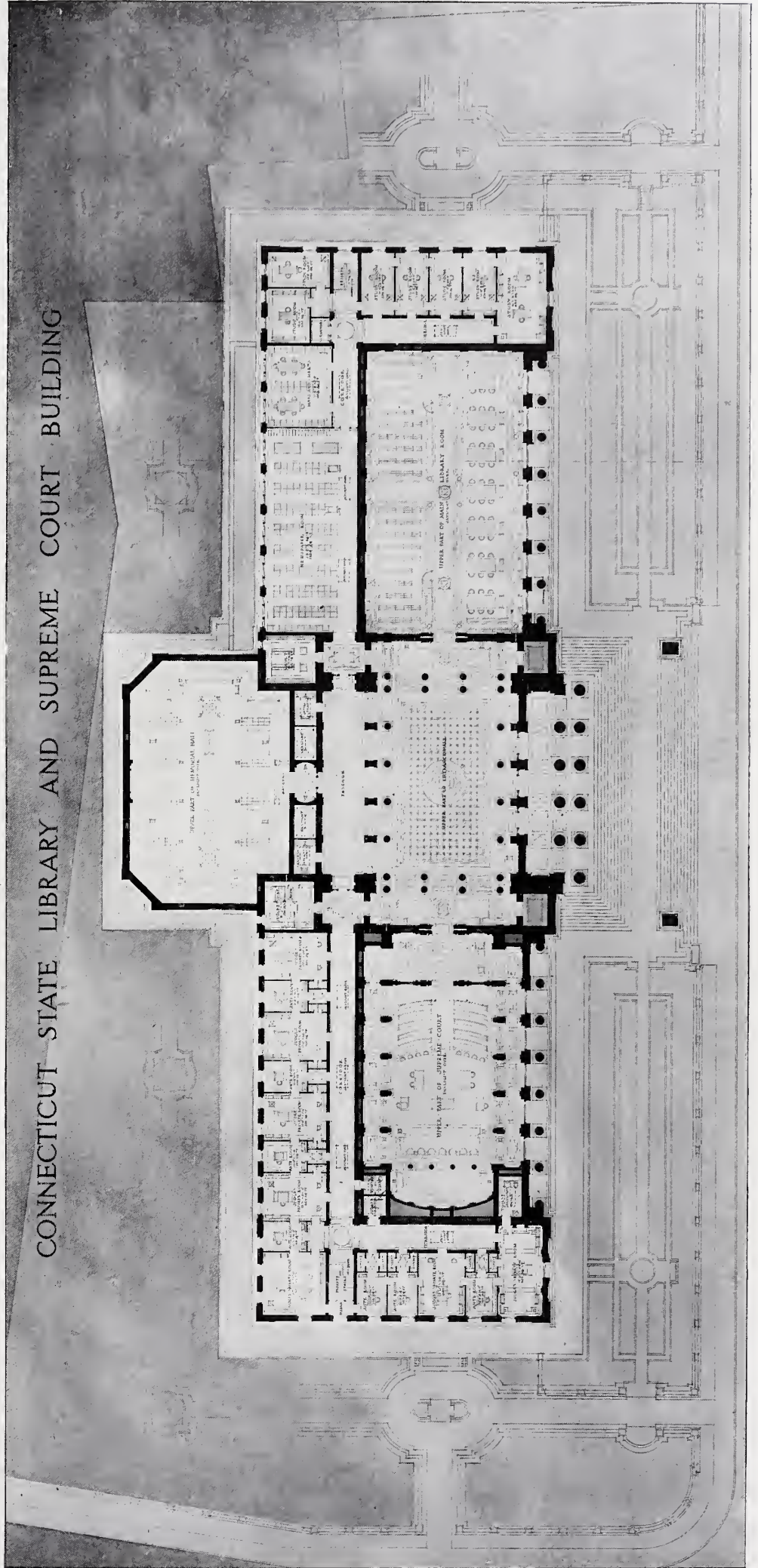
ELEVATION



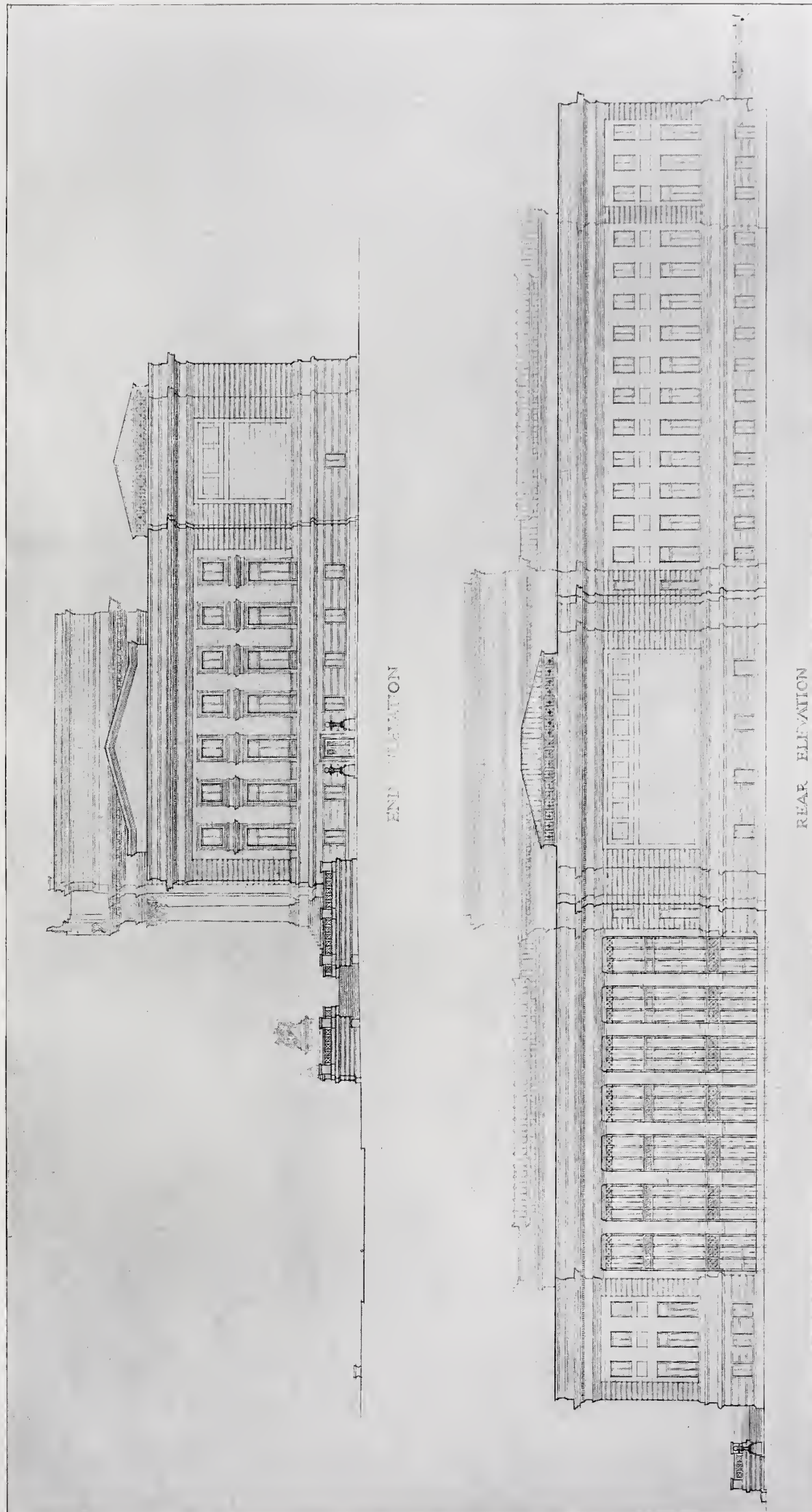
PLAN



LONGITUDINAL SECTION



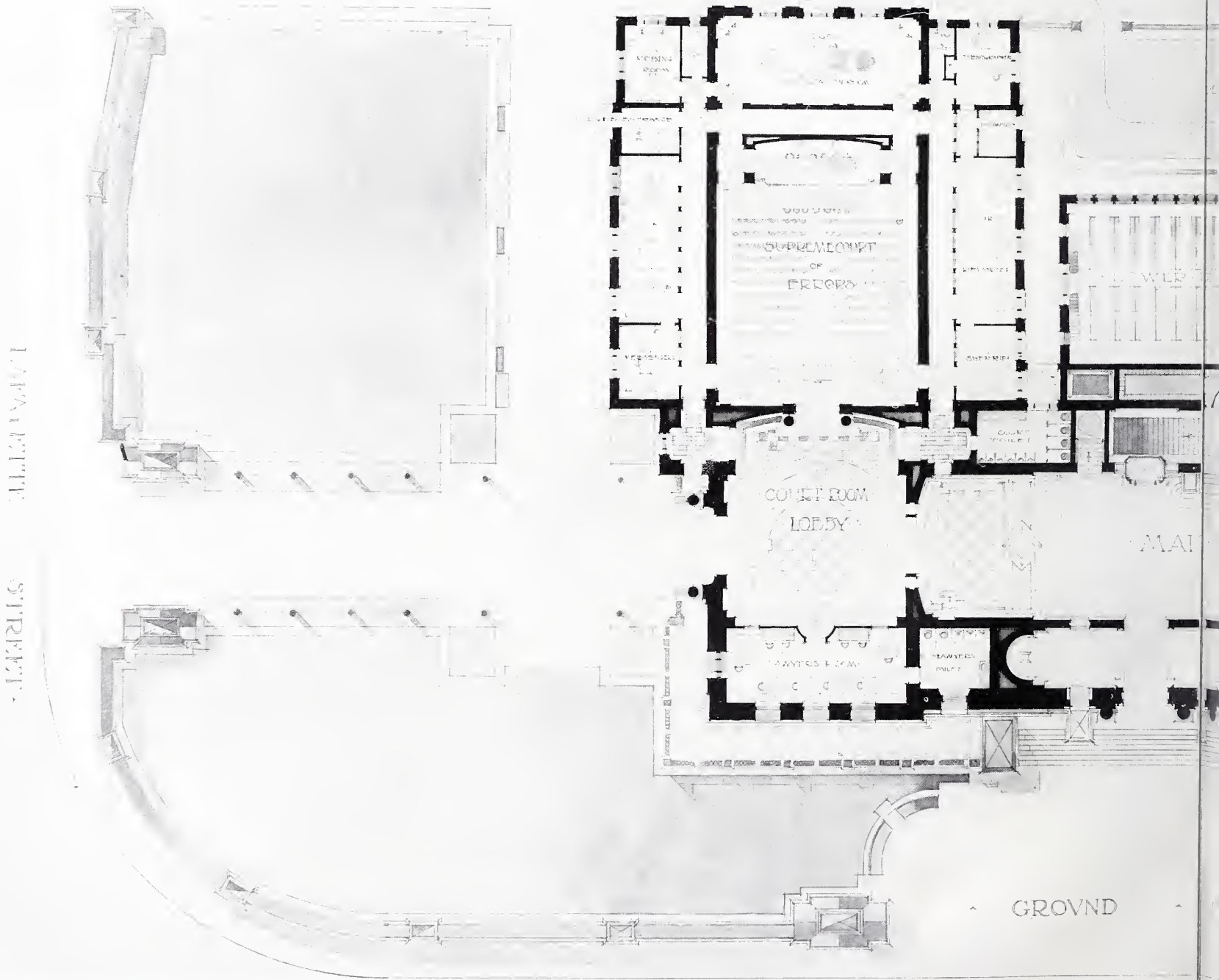
SECOND FLOOR PLAN



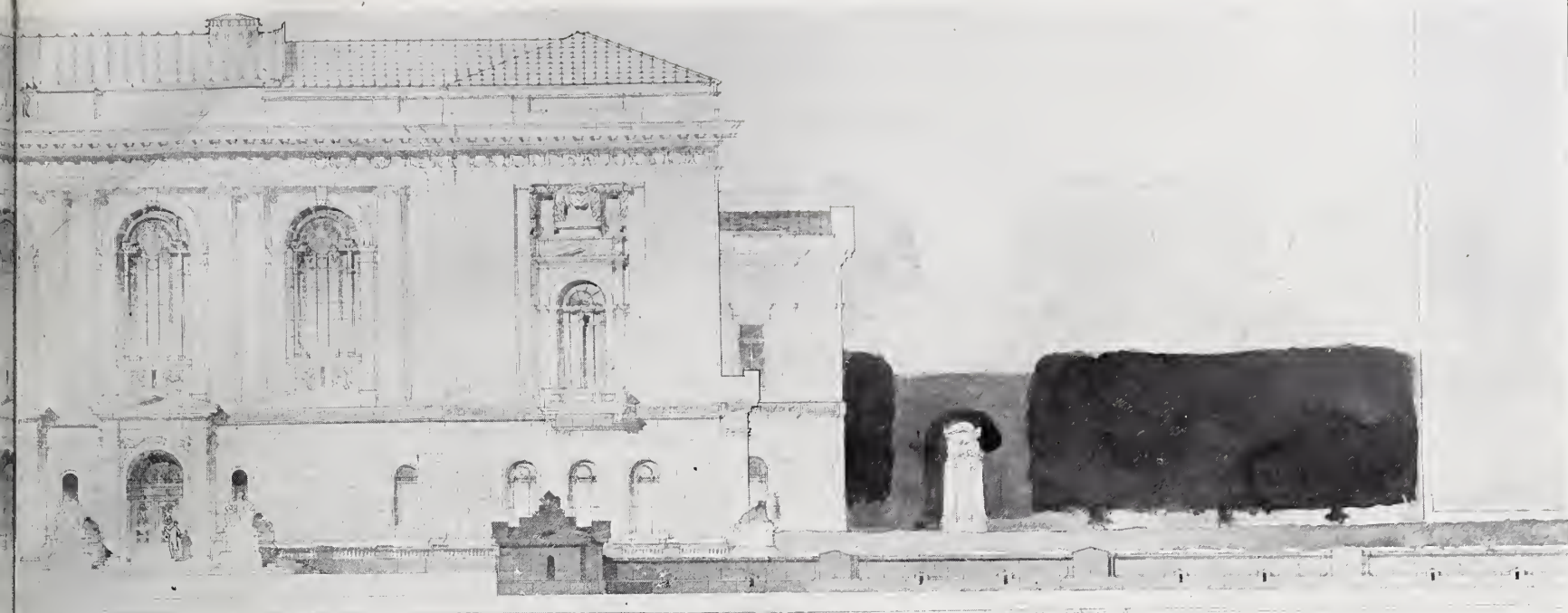
CONNECTICUT STATE LIBRARY AND SUPREME COURT BUILDING, HARTFORD, CONNECTICUT
CASS GILBERT AND WARREN P. BRIGGS, ASSOCIATED ARCHITECTS



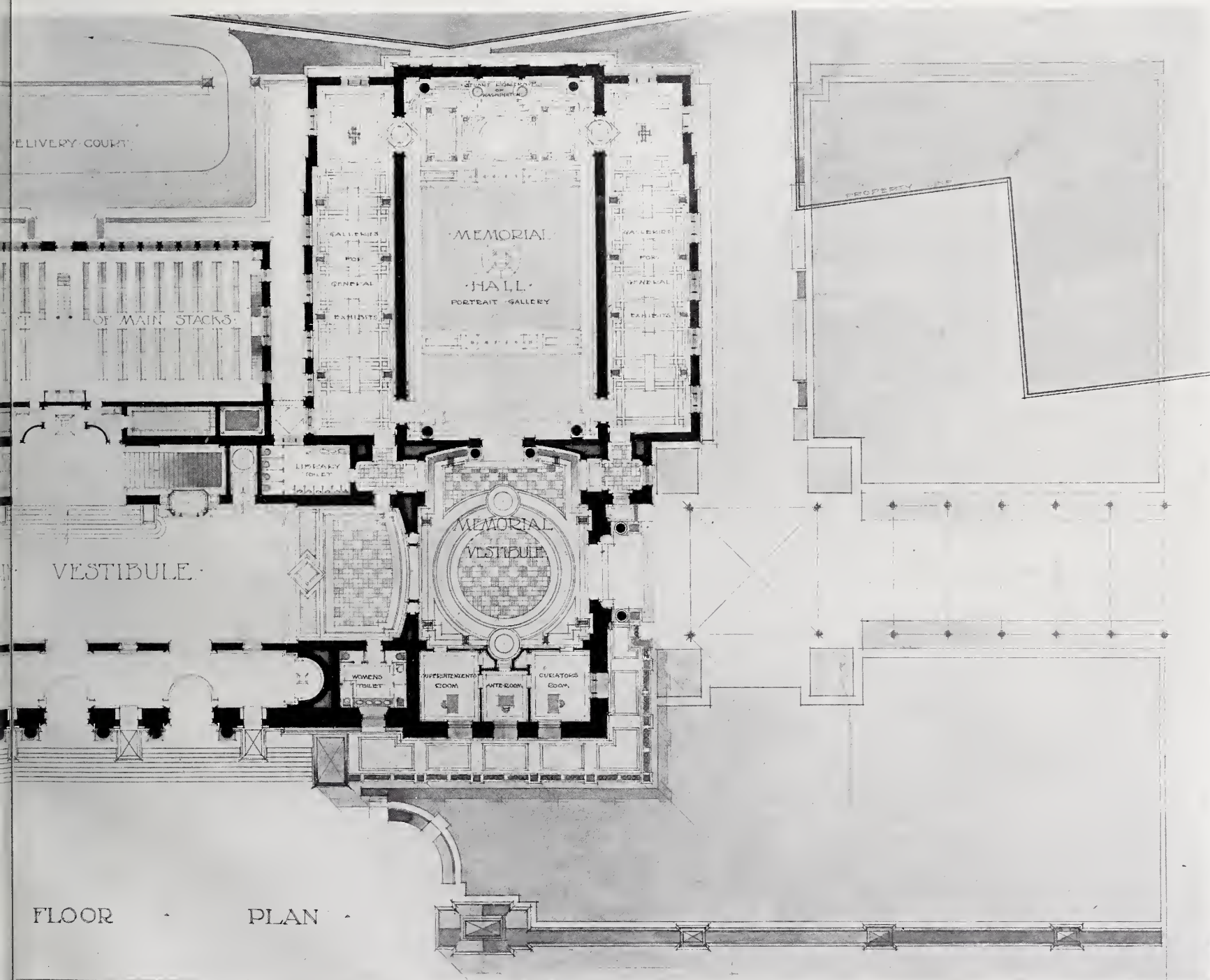
FRONT ELEVATION



FIRST FLOOR

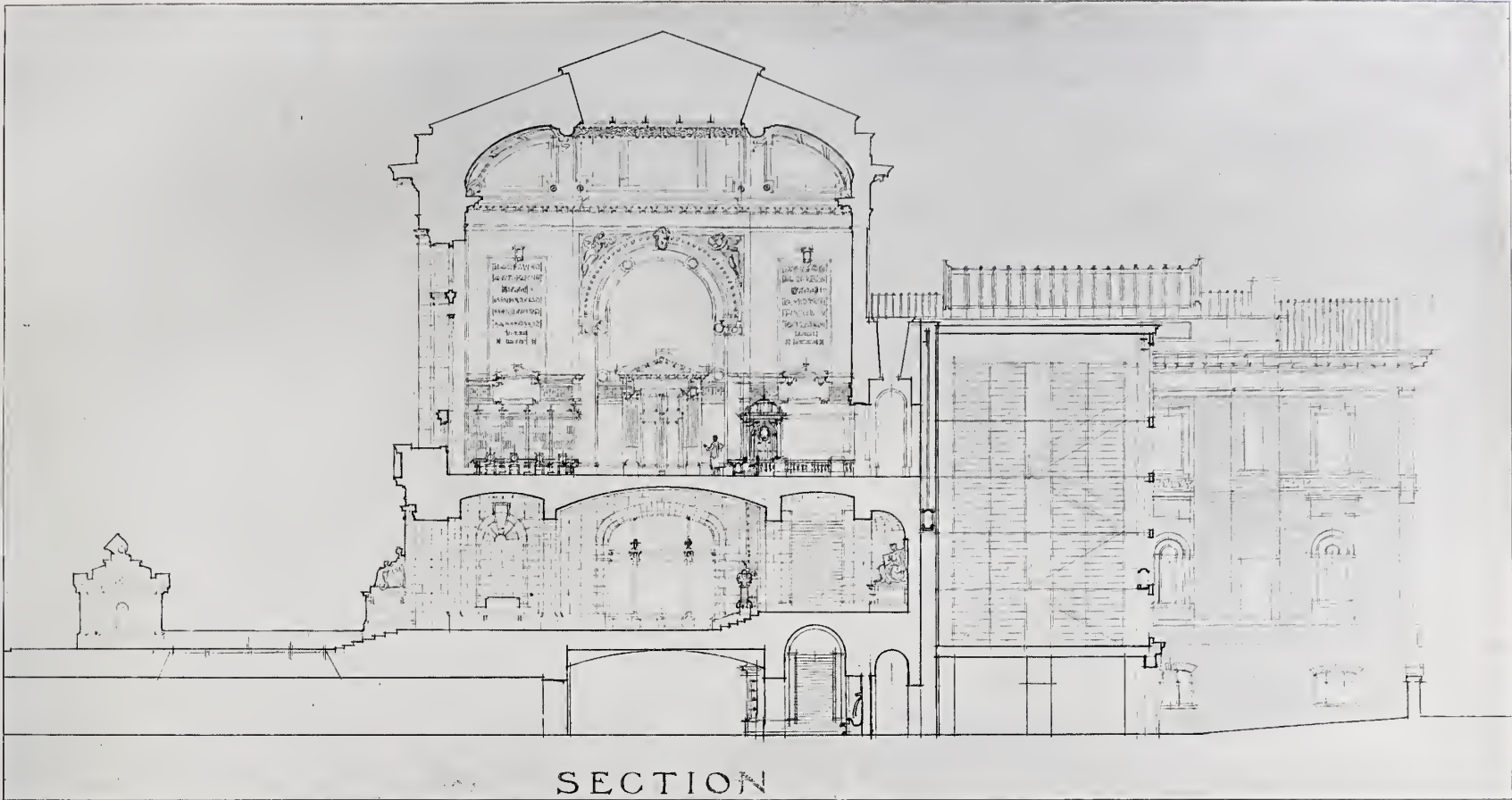


ELEVATION

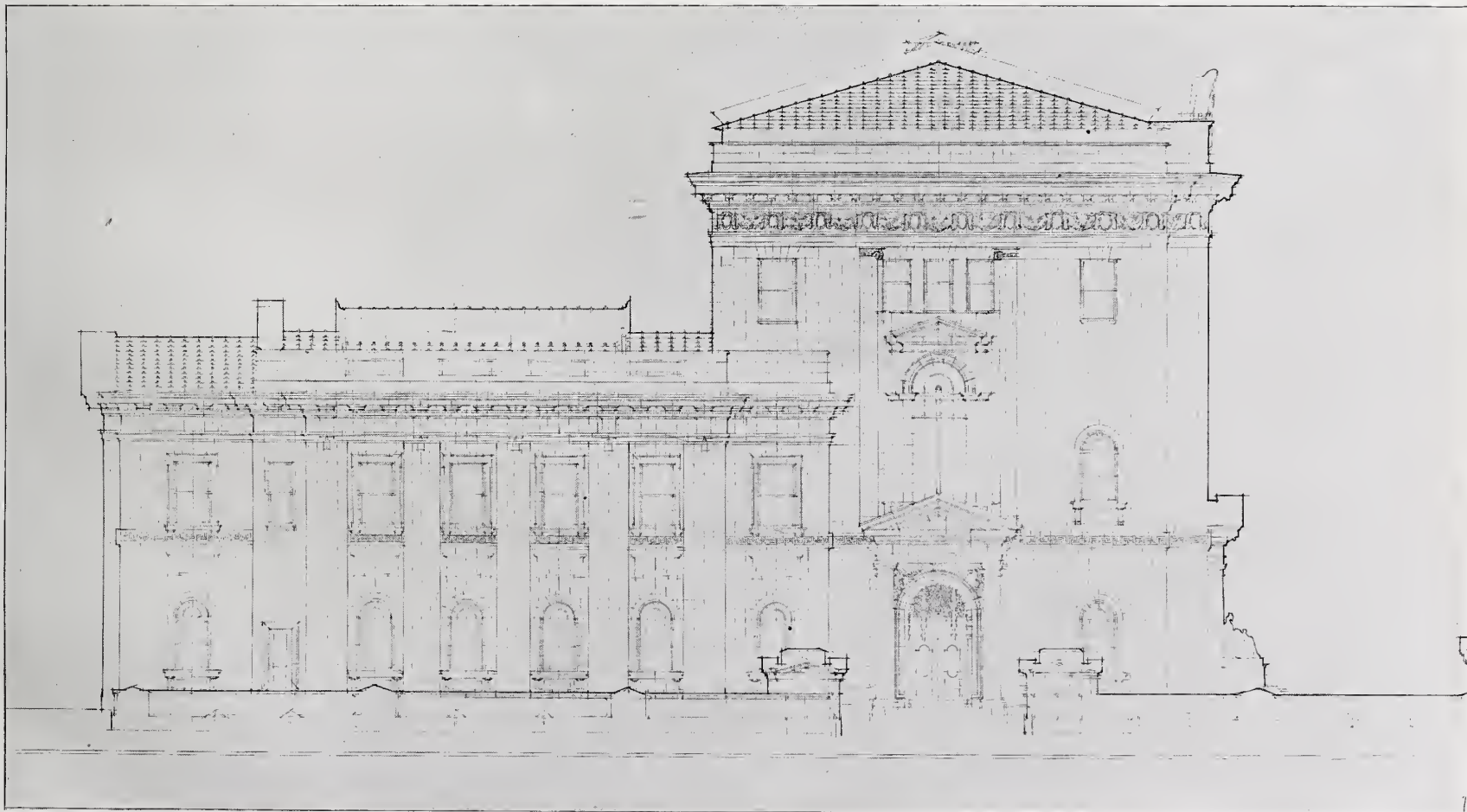


FLOOR PLAN

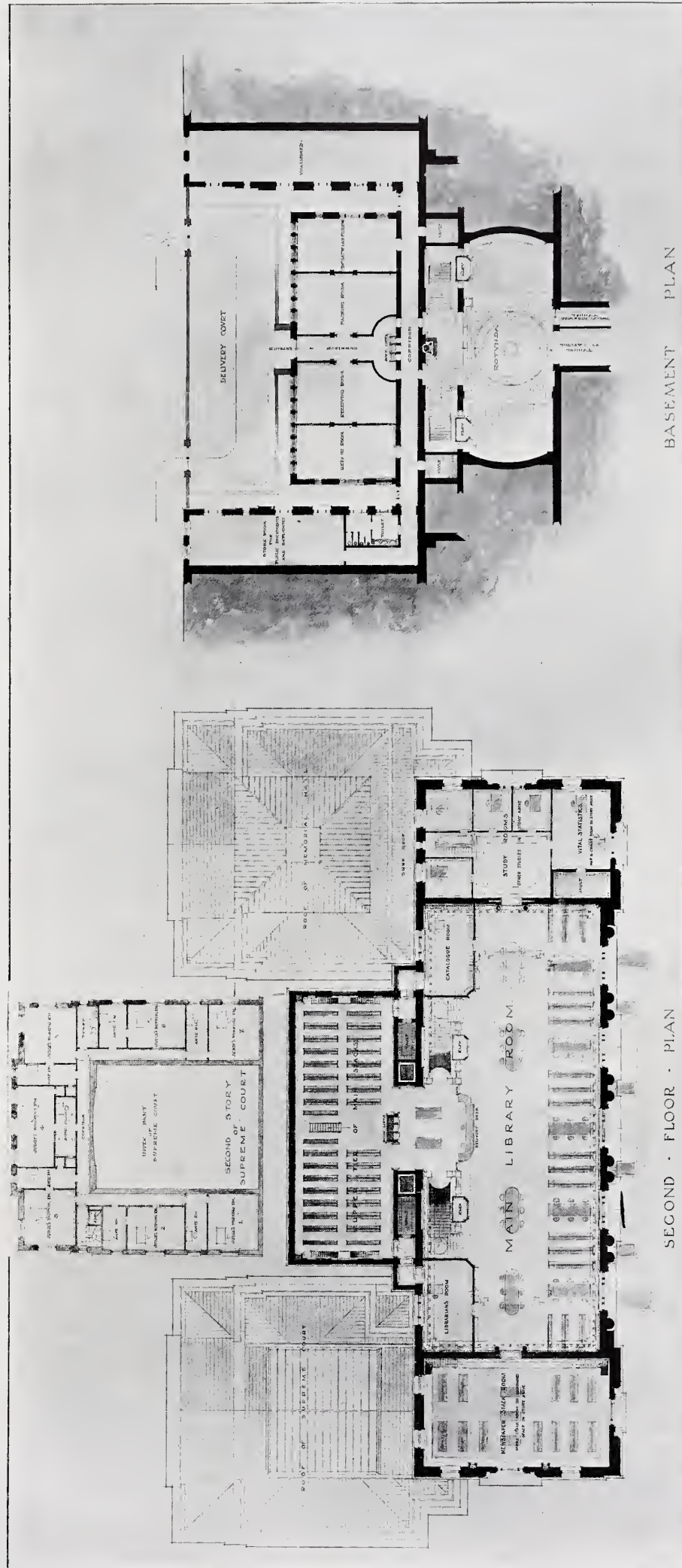
FOR PLAN



TRANSVERSE SECTION

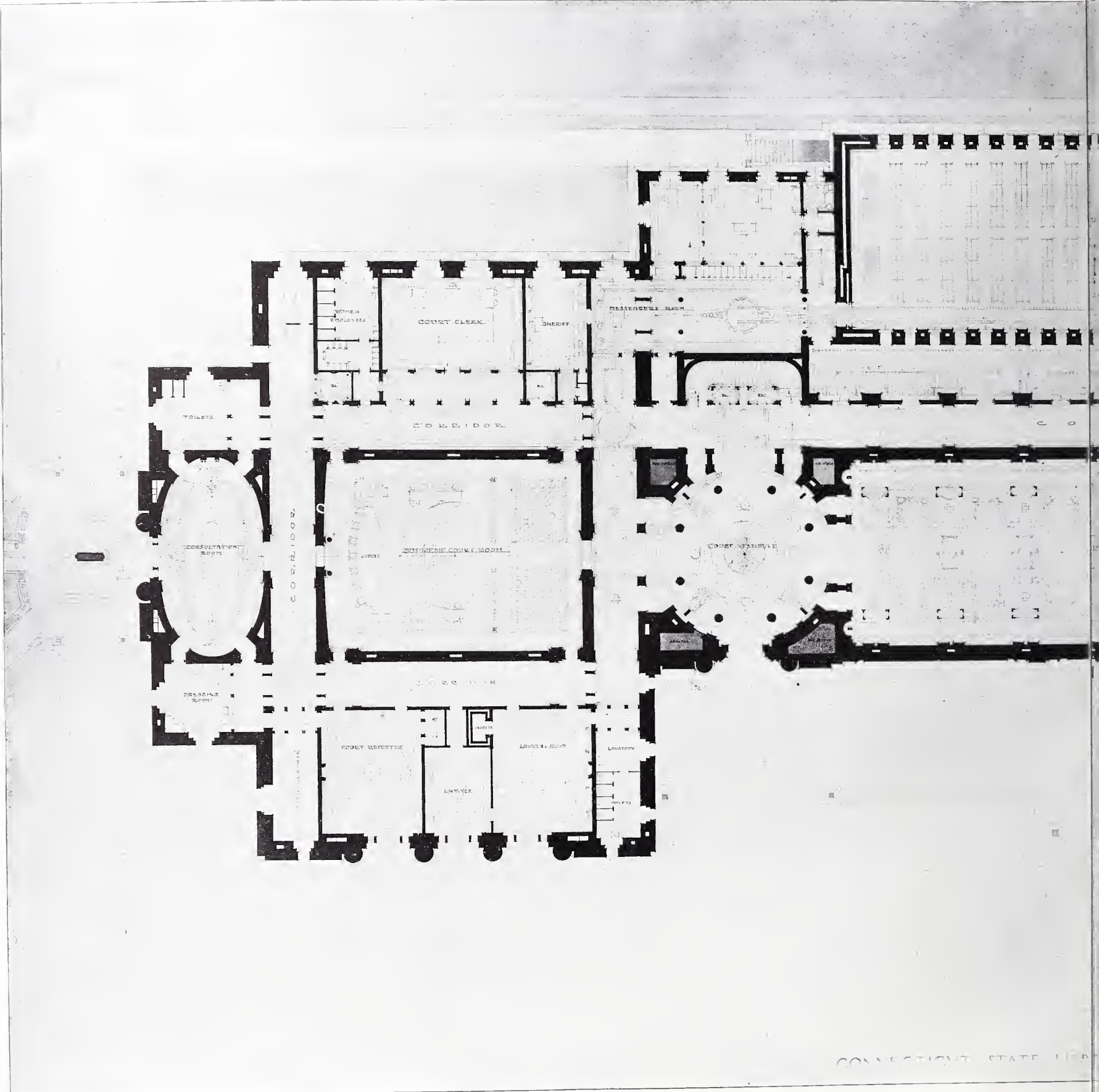


END ELEVATION (WASHINGTON STREET)



SECOND AND BASEMENT FLOOR PLANS



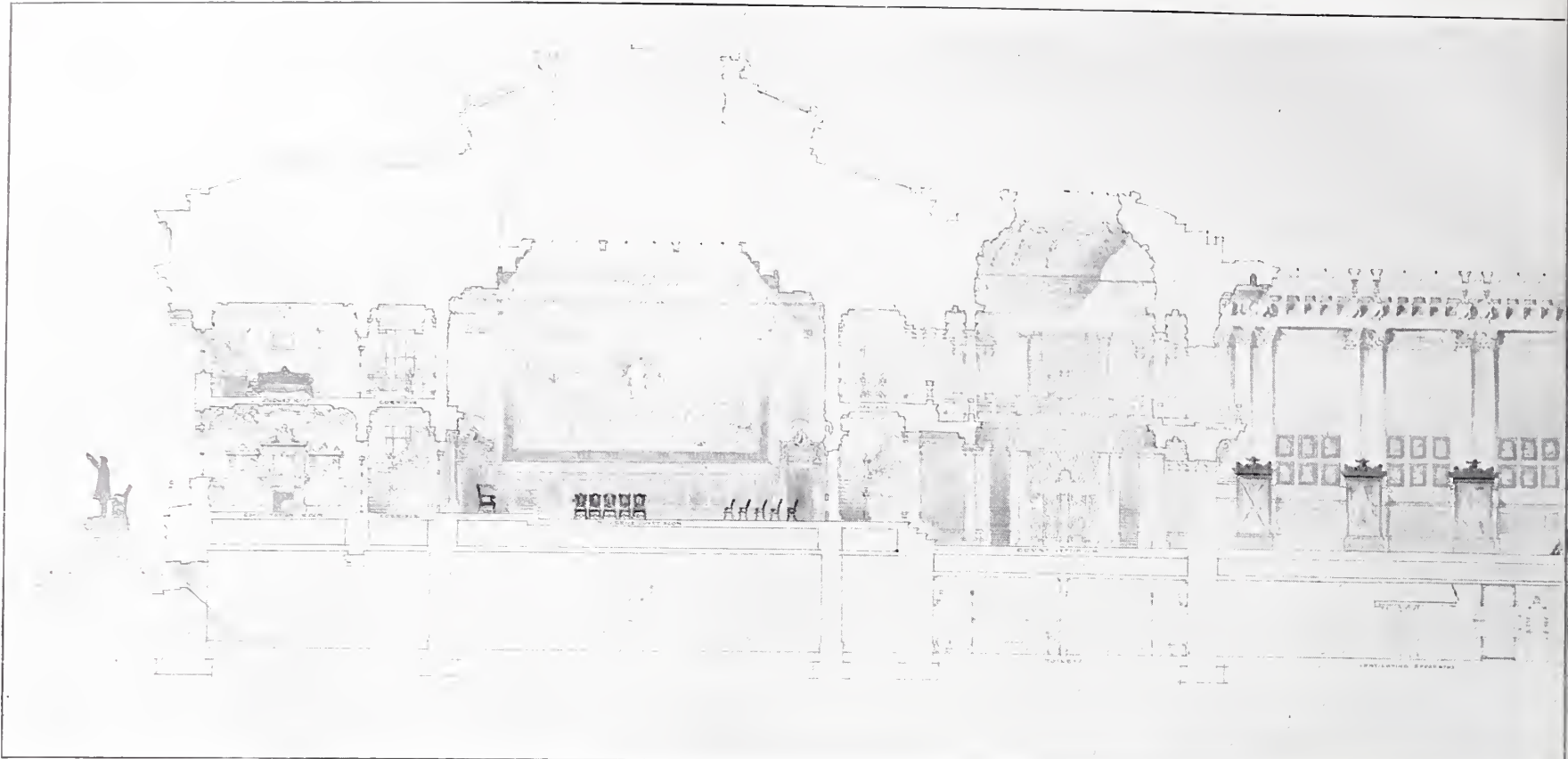


CONNECTICUT STATE LIBRARY

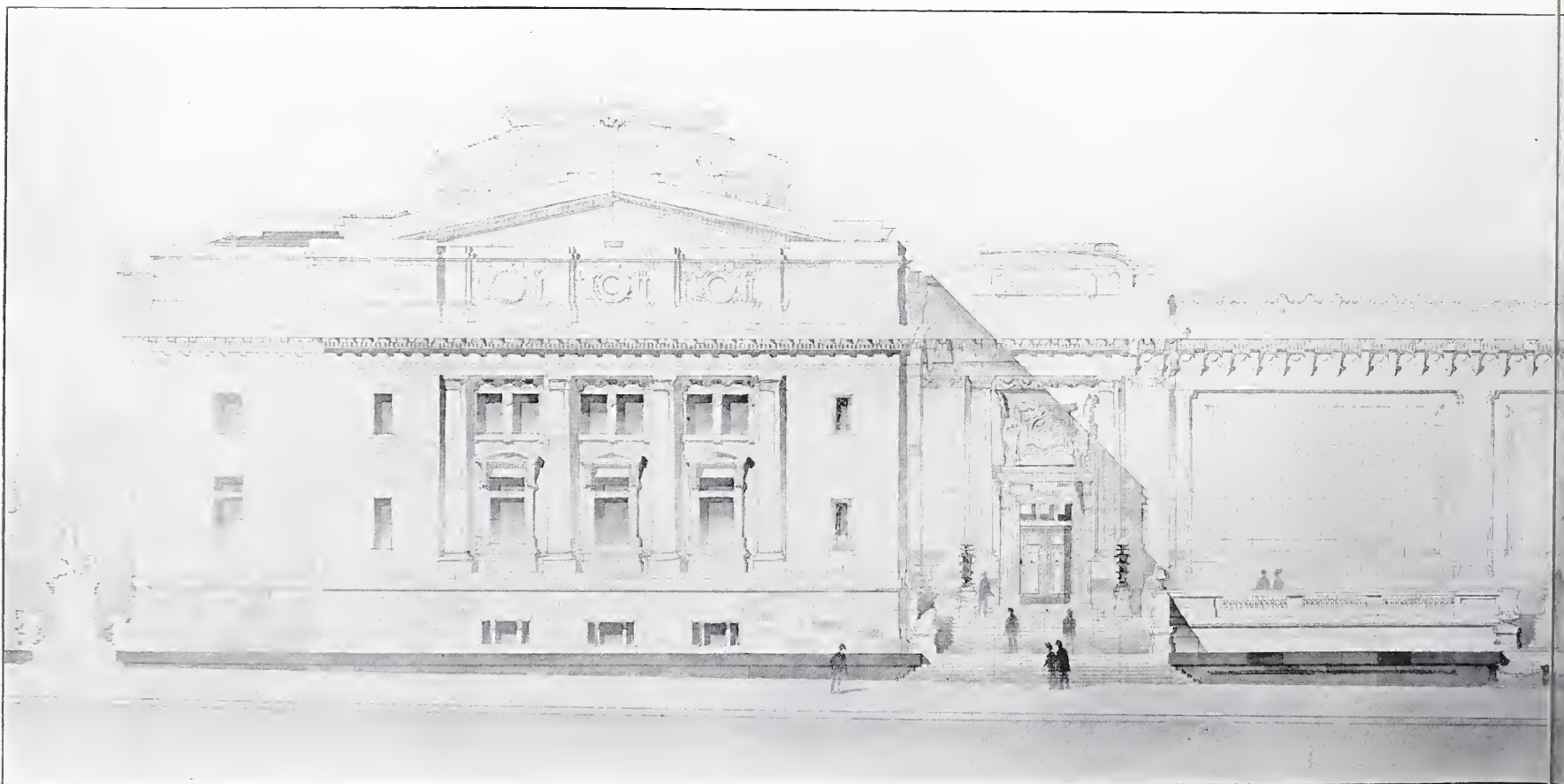
FIRST FL







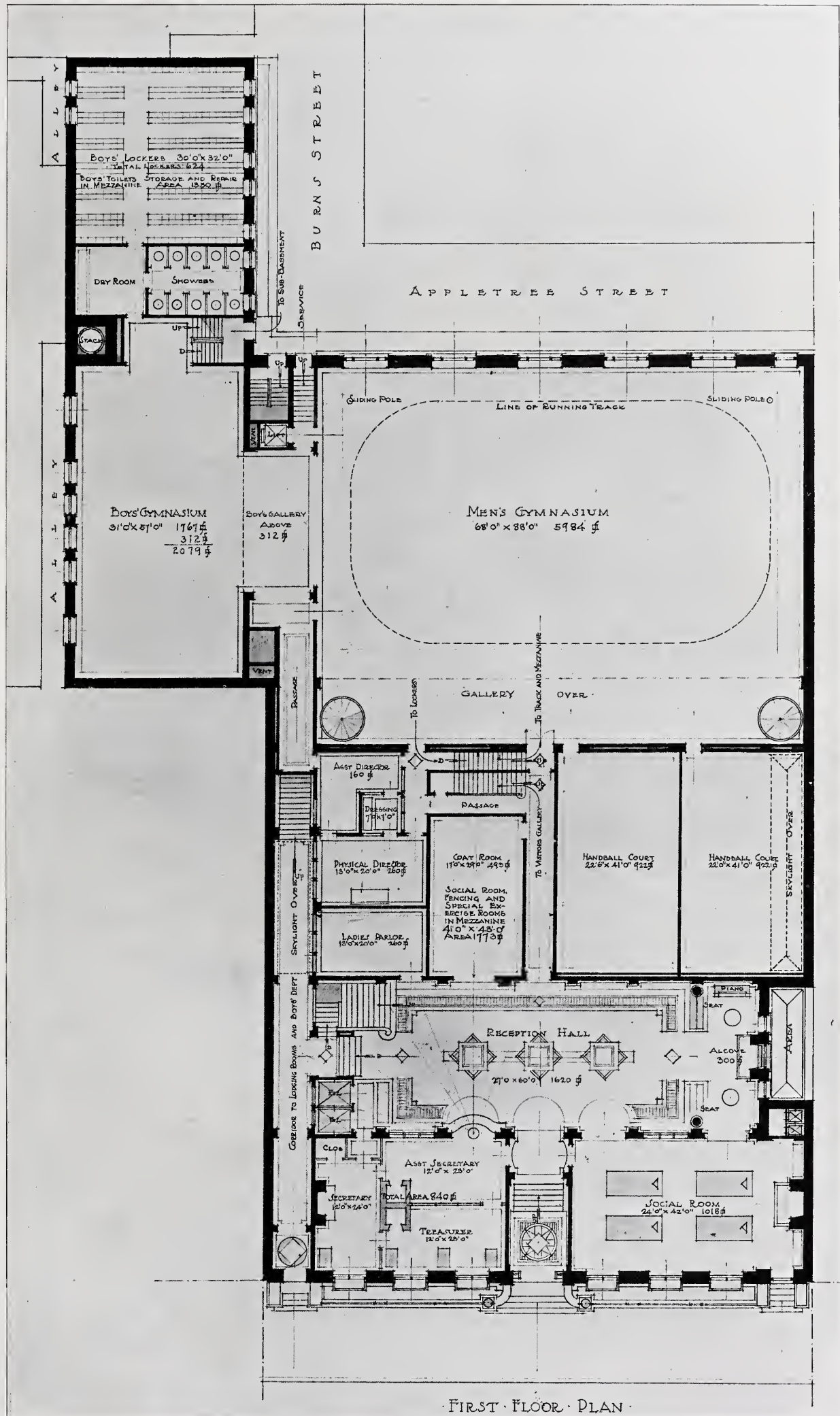
LONGITUDIN



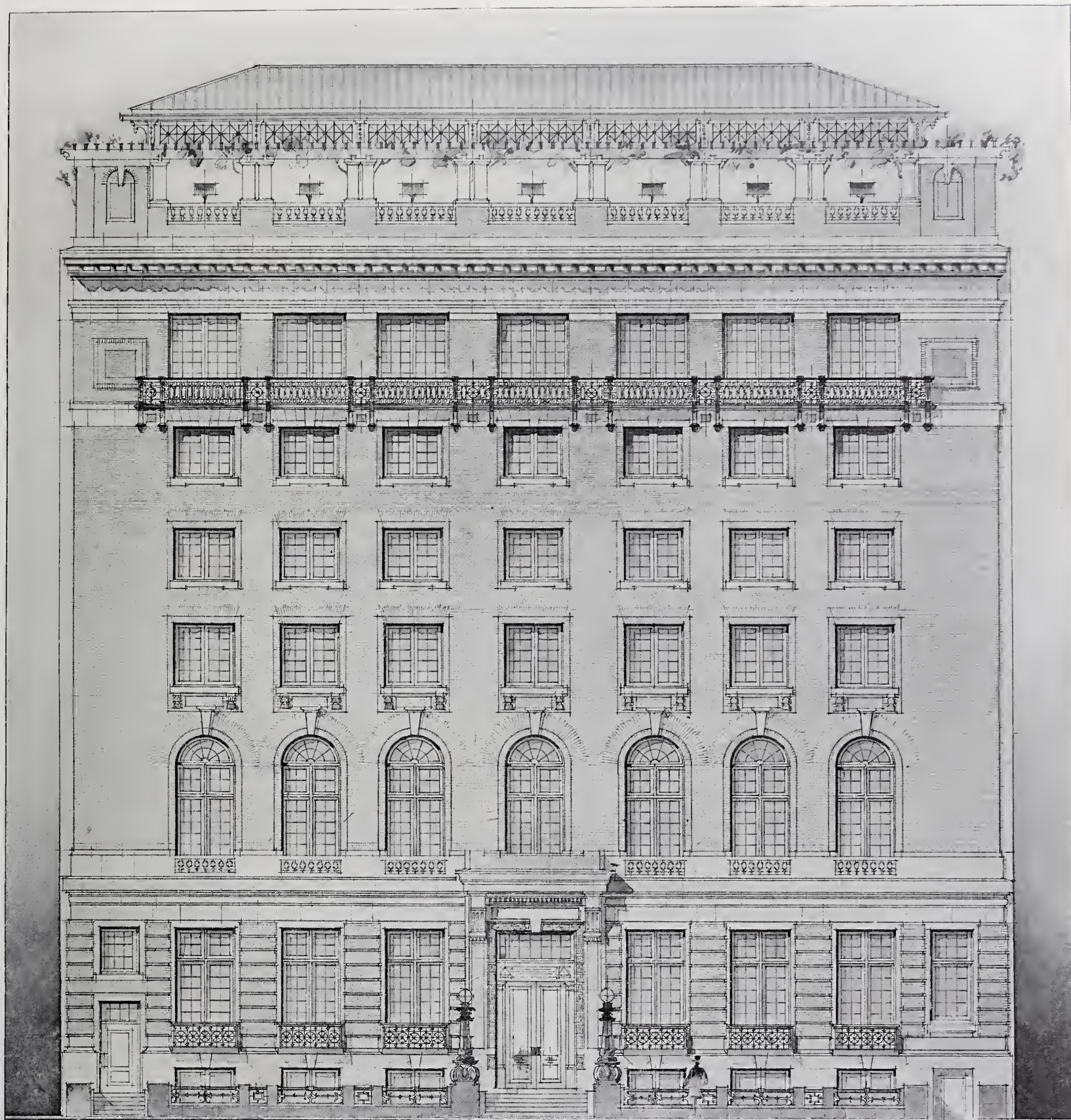
FRONT EI



ER, ARCHITECTS



FIRST FLOOR PLAN



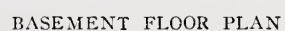
· ARCH STREET ELEVATION ·

ELEVATION ON ARCH STREET

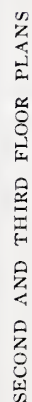
CENTRAL BUILDING, YOUNG MEN'S CHRISTIAN ASSOCIATION, PHILADELPHIA, PENNA.

FIRST PRIZE—HORACE TRUMBAUER, ARCHITECT

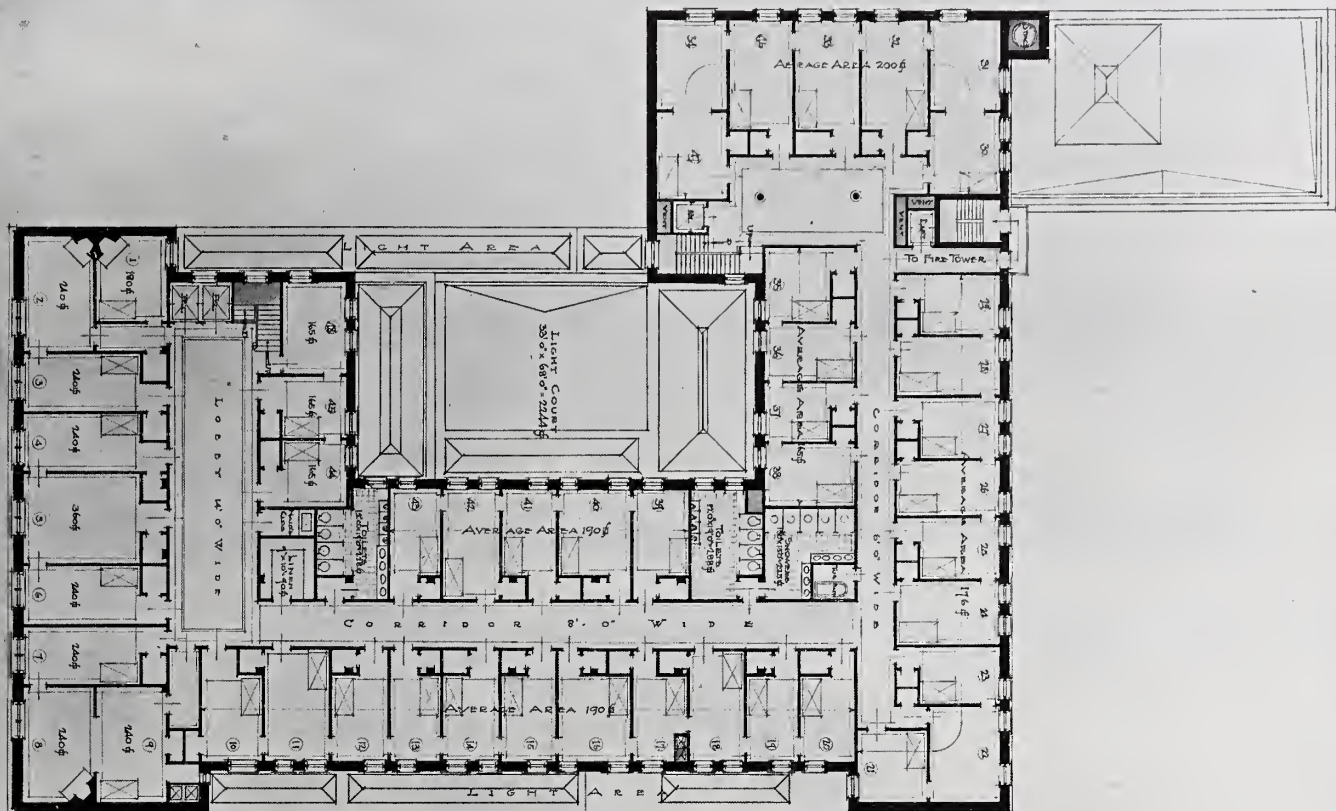




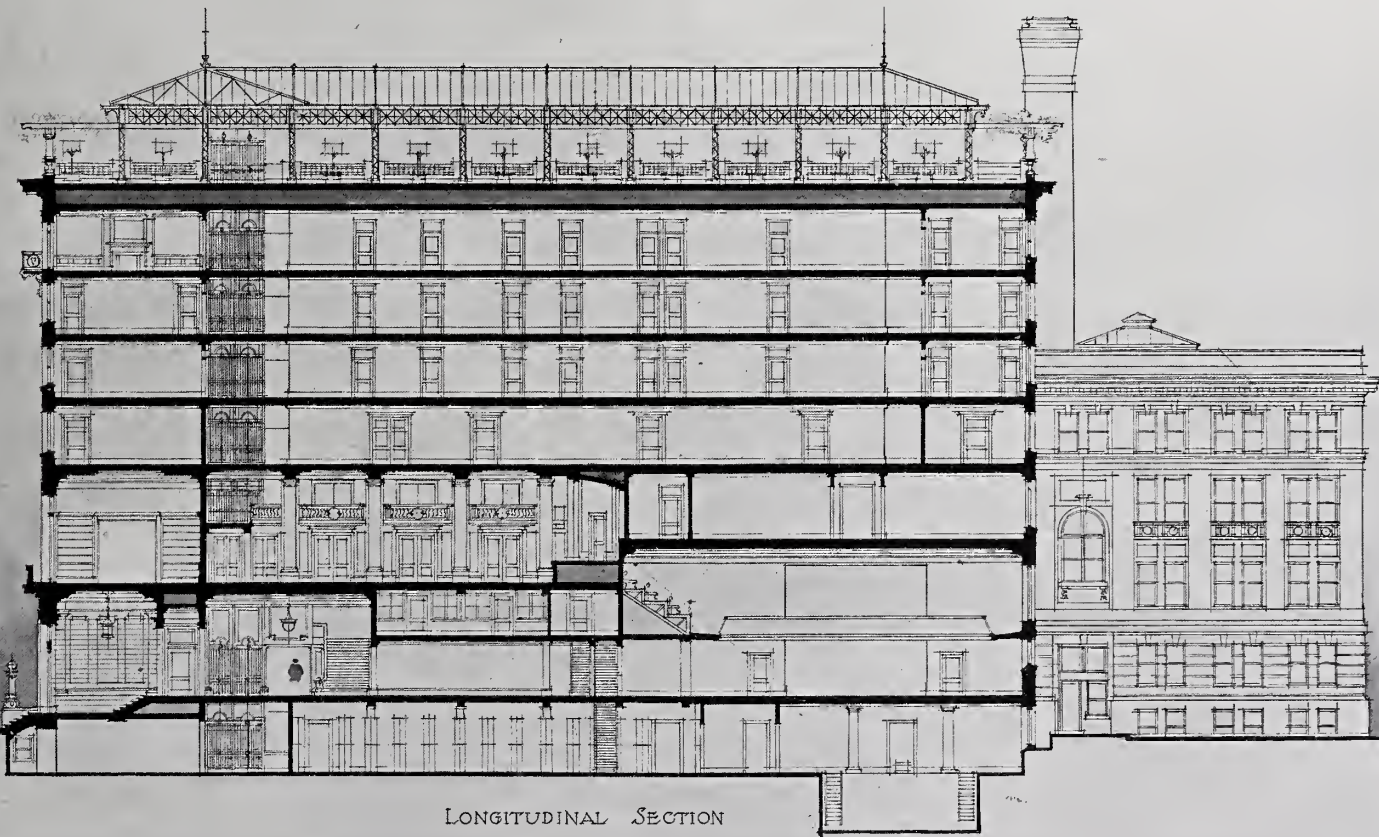
CENTRAL BUILDING, YOUNG MEN'S CHRISTIAN ASSOCIATION, PHILADELPHIA, PENNA.
FIRST PRIZE—HORACE TRUMBAUER, ARCHITECT



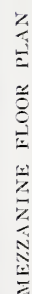
FIRST PRIZE—HORACE TRUMBAUER, ARCHITECT



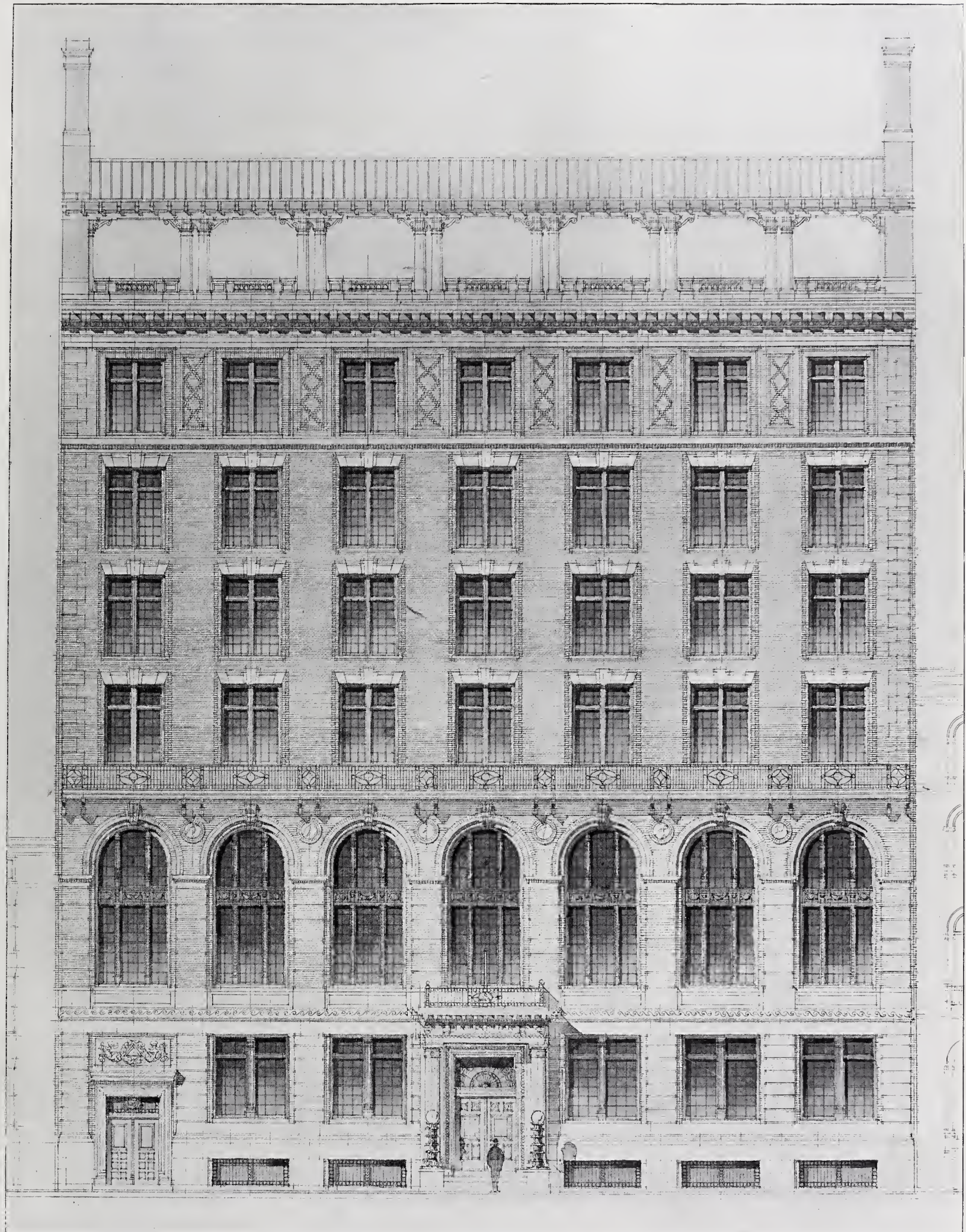
· BED ROOM FLOOR PLAN ·



BEDROOM FLOOR PLAN AND LONGITUDINAL SECTION



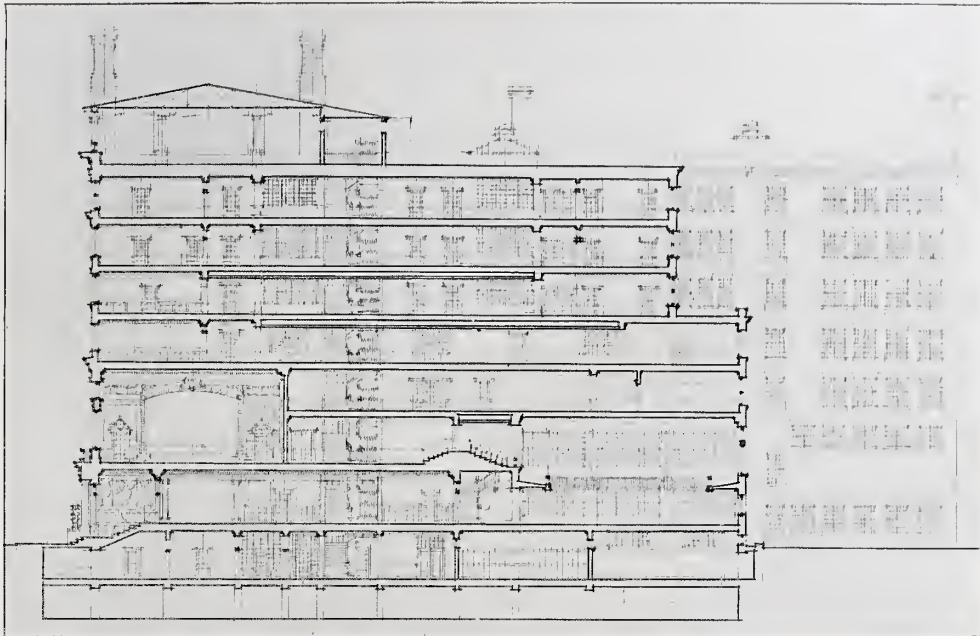
PEABODY & STEARNS, ARCHITECTS



ELEVATION ON ARCH STREET

CENTRAL BUILDING, YOUNG MEN'S CHRISTIAN ASSOCIATION, PHILADELPHIA, PENNA.

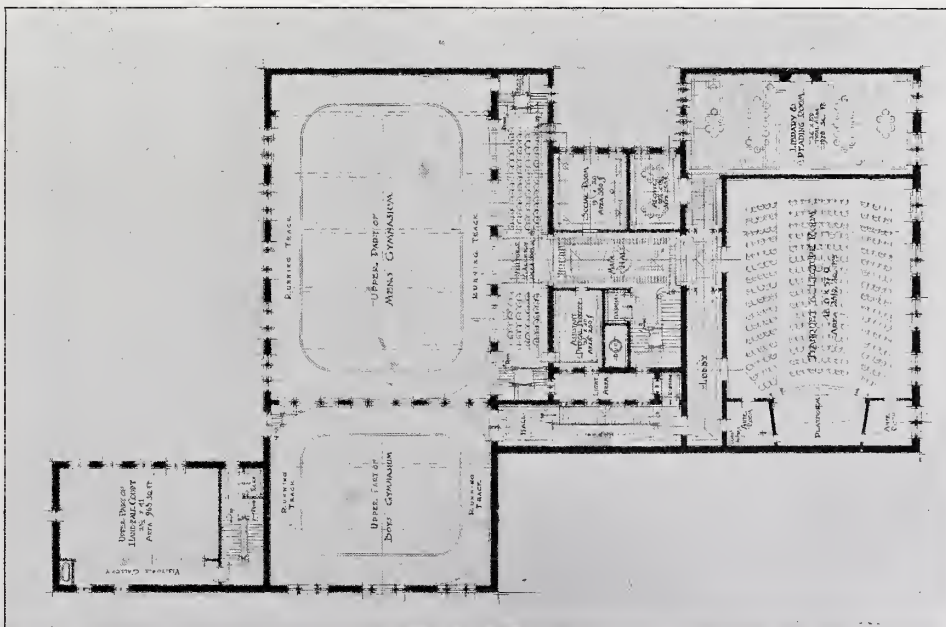
PEABODY & STEARNS, ARCHITECTS



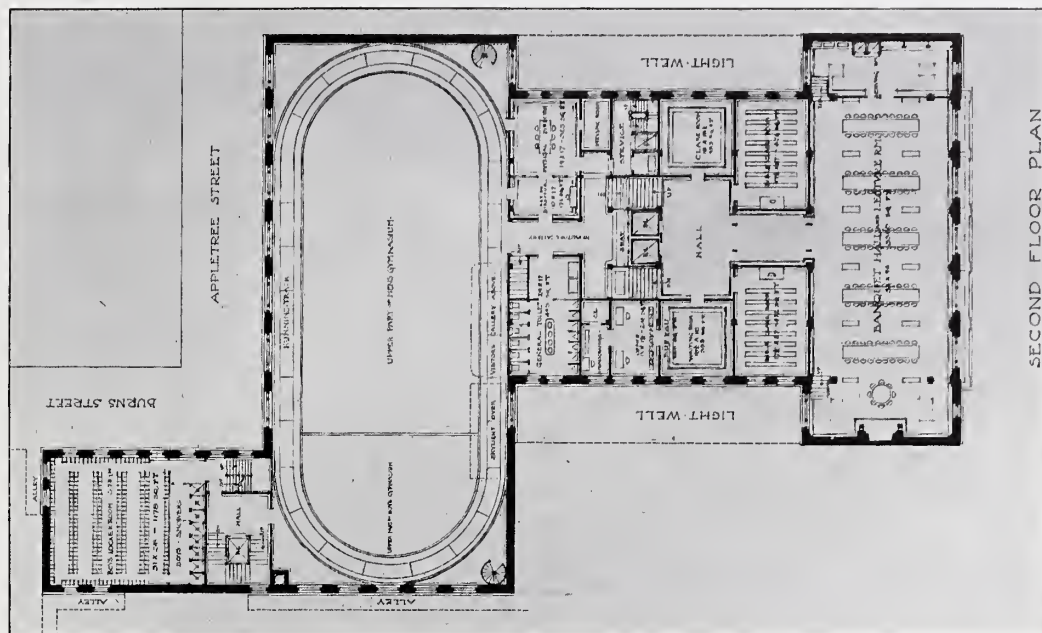
LONGITUDINAL SECTION



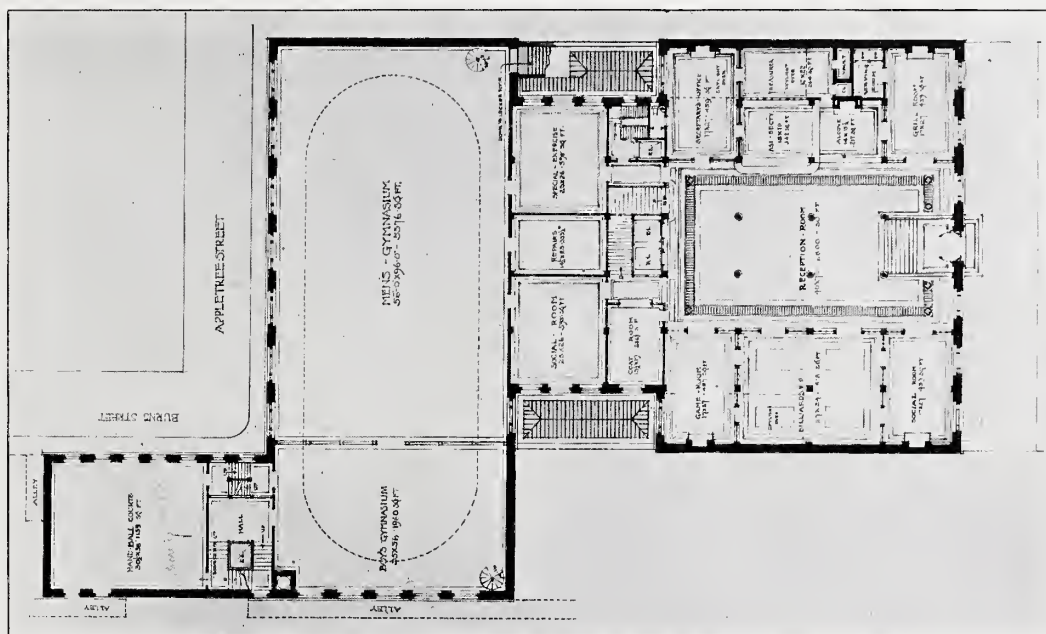
BEDROOM FLOOR PLAN



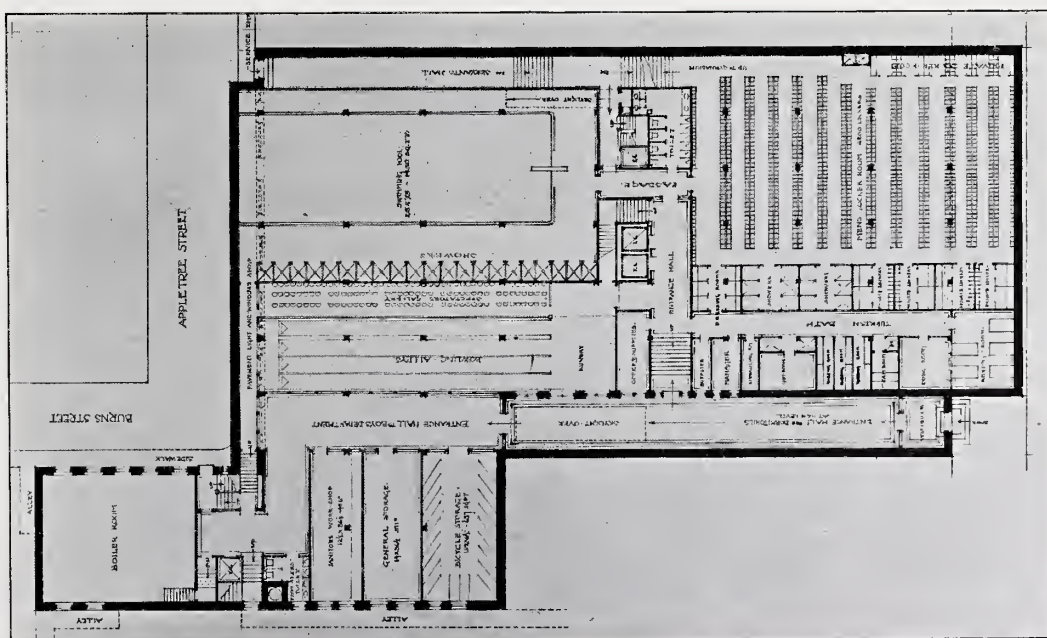
SECOND FLOOR PLAN



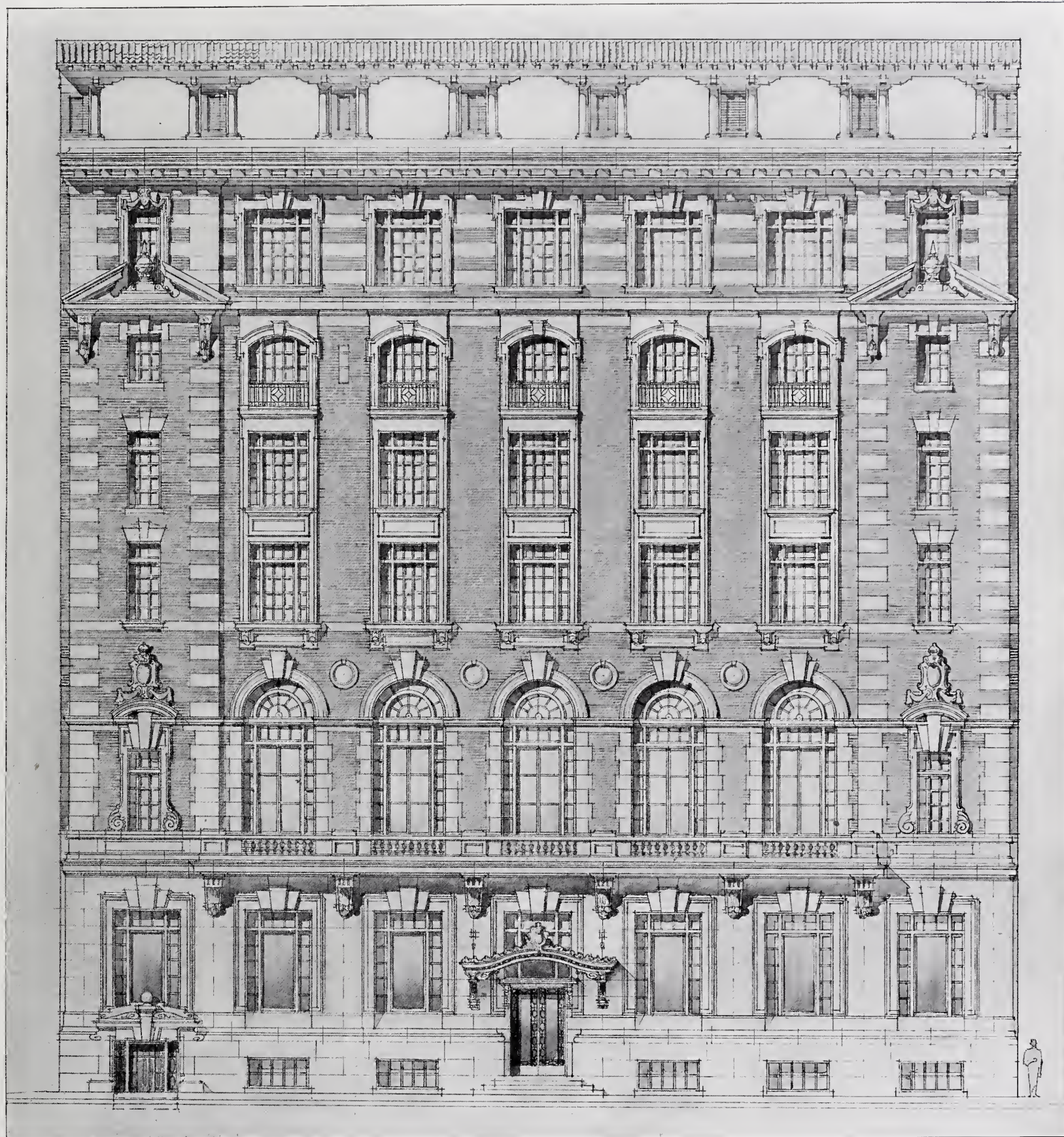
SECOND FLOOR PLAN



FIRST FLOOR PLAN



BASEMENT FLOOR PLAN



ELEVATION ON ARCH STREET

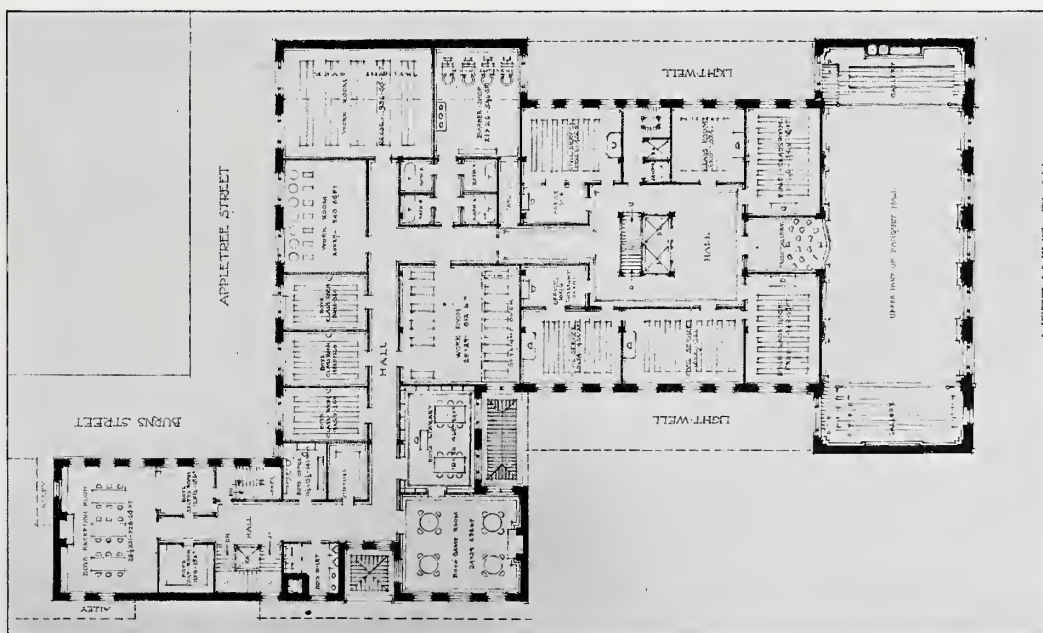
CENTRAL BUILDING, YOUNG MEN'S CHRISTIAN ASSOCIATION, PHILADELPHIA, PENNA.

COPE & STEWARDSON, ARCHITECTS

[illegible]

BED-ROOM FLOOR PLAN

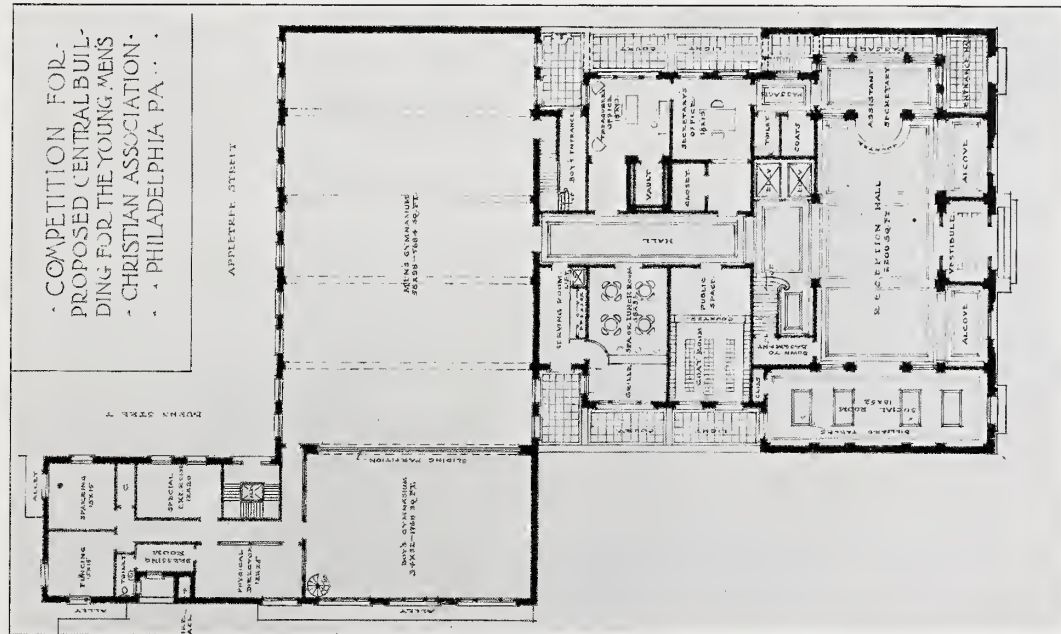
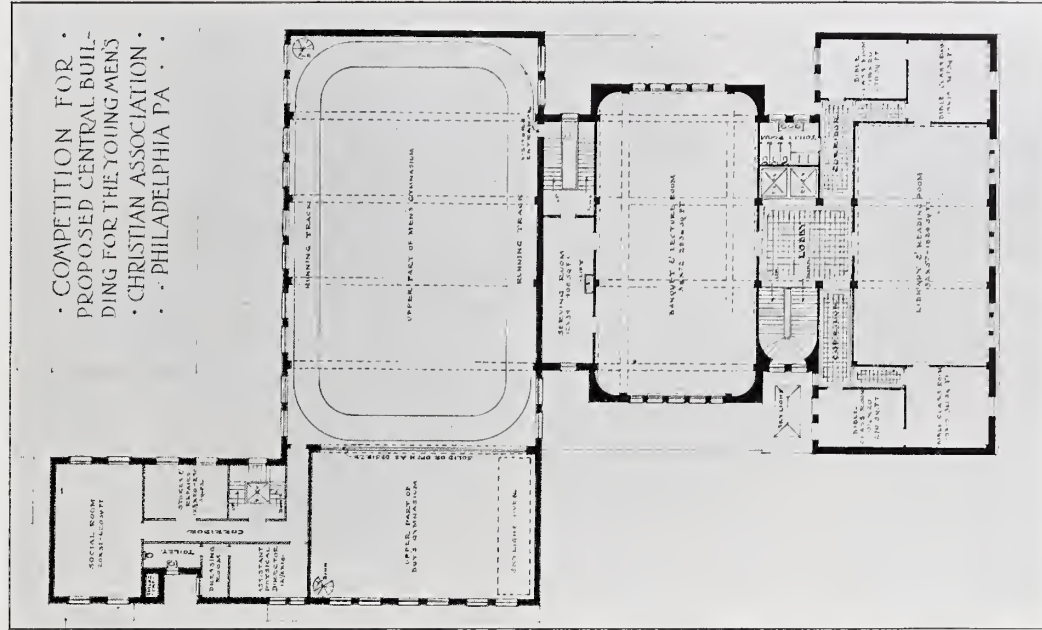
BEDROOM FLOOR PLAN

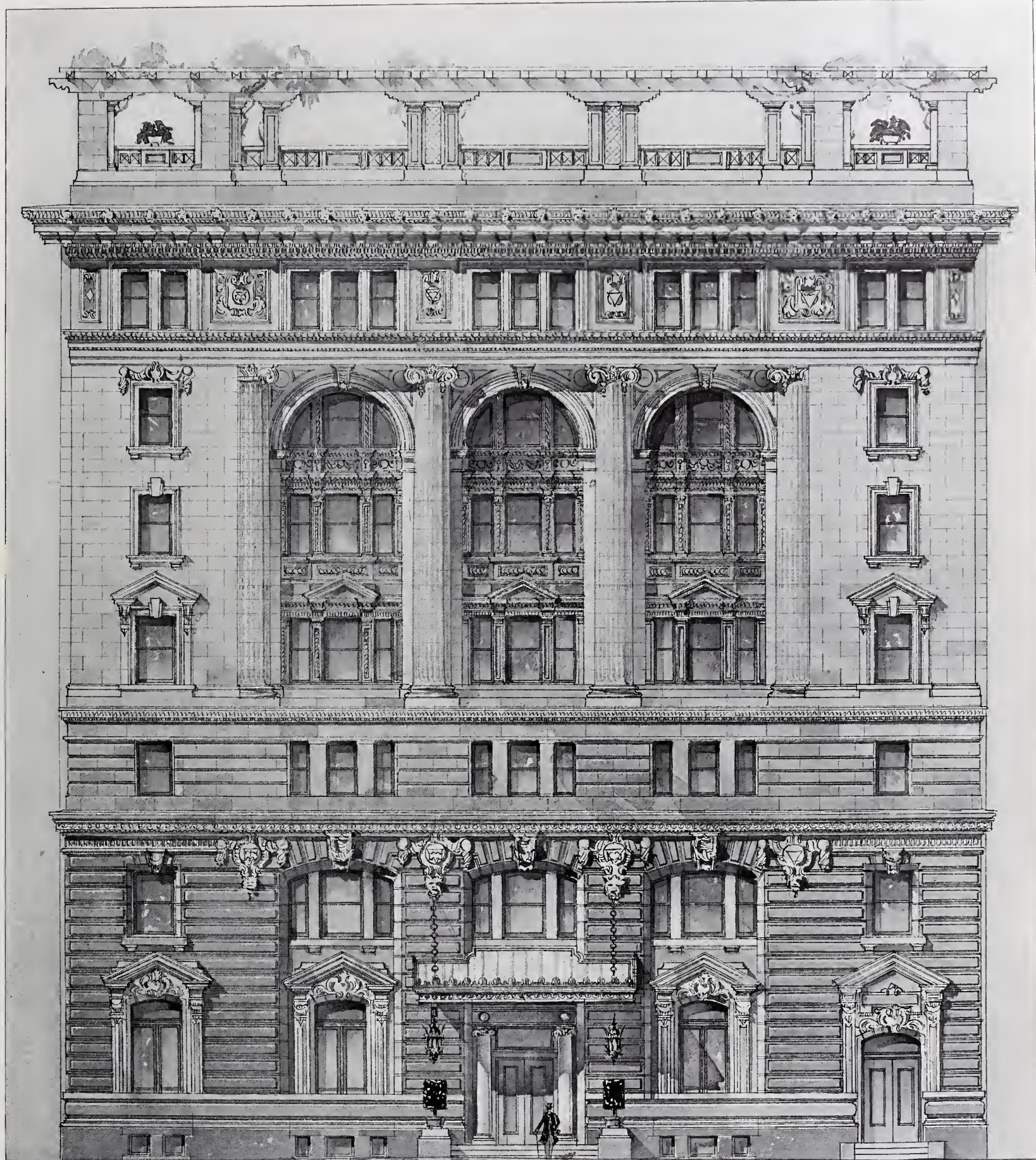


MEZZANINE PLAN

MEZZANINE FLOOR PLAN

COPE & STEWARDSON, ARCHITECTS





COMPETITION FOR
THE YOUNG MEN'S CHRISTIAN ASSOCIATION
PHILADELPHIA, PA
HARDING & UPMAN, ARCHITECTS

ELEVATION ON ARCH STREET

